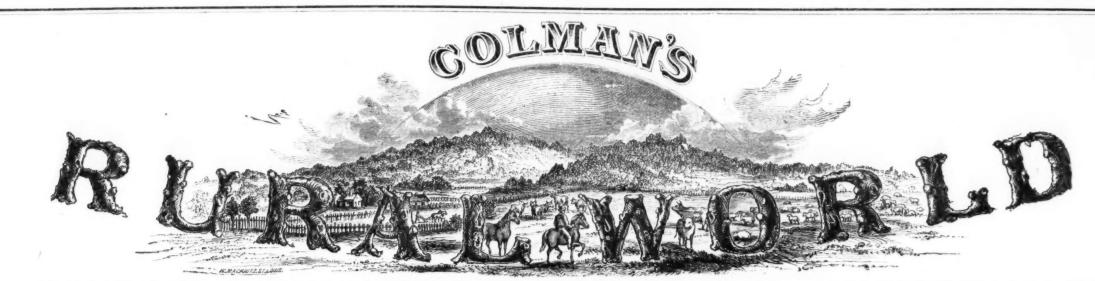
MO.



Established 1848.

ST. LOUIS, THURSDAY, OCTOBER 23, 1884.

Sorgo Department.

National Sugar Growers' Association. OFFICERS FOR 1884.

President—Norman J. Colman, St. Louis, Mo Vice Presidents—Capt. R. Blakely, Minne-sota; D. F. Kenner, Louisiana; X. K. Stout, Soca; D. F. Renner, Louisinna; A. Socius, Kansas; A. Furnas, Indiana; C. F. Clarkson Iowa; A. J. Decker, Wisconsin; A. G. Wil-lams, New York; Dr. E. F. Newberry, Ill. Secretary—F. K. Gillespie, Edwardsville Ills. Treasurer—J. A. Field, St. Louis, Mo.

Now for Seasonable Reports.

Now for Seasonable Reports.

We shall be glad to hear that the Northern cane is all worked up into sirup and sugar. Sorghum men have been so busy the past month, many of them not only working all day, but far into the night, that they have had no time to write for their department in the RURAL WORLD. This makes it difficult for us to keep that department fresh and instructive. There is really no sorghum literature for us to fall back upon. It is true we are making a literature of our own in and through the volumes of the RURAL WORLD every year, but in a few years from now when we look back upon it, we will be astonished at how little we knew at this stage of the sorghum industry.

Just as soon as our readers get a little breathing spell we hope they will make

Just as soon as our readers get a little breathing spell we hope they will make up for lost time by giving us an account of their success with the different varieties, telling which have proved most profitable, giving their experience in filtering. defecating, evaporating, handling and marketing their sirups. Nearly all close observers have made some advances the present year, and will do differ. the present year, and will do differently another year from what they have done in the past. Will they not tell us of the improvements they have made, of the errors into which they have fallen, the mistakes which have occurred, so that others with less experience may avoid them.

that others with less experience may avoid them.

We shall be glad to hear from all along the line. Although sugar is low and the outlook not as bright as one might desire, yet, what other branch of farming pays better or even as well? Sugar is one of the great necessities of human living and will always be and can be made theorer from sorehum than from any cheaper from sorghum than from any other product. If the seed is properly saved and properly used for stock feed, it ought really to pay the entire cost of raising the cane, which neither the re-fuse of the sugar beet nor the ribbon cane

matter of time.

The transportation will be much less than at half the price of any other time. We are daily expecting to hear from Mr. Parker Earle or Prof. S. M. Tracy what the exact price from St. Louis to New Orleans and return wi.l be.

Beet Sugar not Profitable—The Diffusion System to be Tried in This Country.

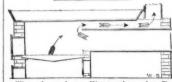
Ex-Gov. H. C. Warmoth of Louisiana arrived in this city from Europe yesterday in the steamship Arizona. Gov. Warmoth, in company with Mr. G. L.

quite as well off, and much better off, if prepared to handle and sell his product properly, than those engaged in raising other farm products. He should have had large tanks into which all his best sirup should be put, and from which he could sell to fill orders the year round to his regular customers, whether by the gallon, keg, half barrel or barrel. Sirup should be made so as to keep in perfect condition the year round, and it will sell, if of good quality. The trouble is, that soon as made, most farmers are too much in a hurry to get it off their hands at once. They perhaps need money, and gallon, keg, half barrel or barrel. Sirup should be made so as to keep in perfect condition the year round, and it will sell, it of good quality. The trouble is, that soon as made, most farmers are too much in a hurry to get it off their hands at once. They perhaps need money, and sell it at a sacrifice, and injure themsel it as a sacrifice and injure themsel it as a sacrifice.

a neighborhood to get together and tion 48 marks per ton. A ton of beets agree upon prices, and then hold up to them. Some will find it to pay when set they get time to load up their wagons and take a tour, selling to farmers by the reallong rear. The government of the sugar is 24 marks and take a tour, selling to farmers by the product of Germany is about 90,000 tons and take a tour, selling to farmers by the product of Germany is about 90,000 tons and take a tour, selling to farmers by the and take a tour, setting to farmers by the gallon or keg. Let the farmer see and taste a good article, and he will lay in a supply for the year, which will be far better than the adulterated stuff he buys at the stores. In this way he can establish a trade, and have a regular set of customers every year, who will gladly buy of him.

product of Germany is about 900,000 tons gallon or keg. Let the farmer see and of sugar. The government subsidy is given in the form of a rebate of the tax on all sugar that is exported. As this is really a premium on the exportation of sugar the article is actually much higher priced in Germany than it is in England, and about three-fourths of the product of extending the product of Germany is about 900,000 tons.

The sirup made from northern sugar cane is not necessarily better or purer than that made from ribbon cane, but the one is made by those who know not how to duction of the price of beets, to which,



Rebuilding With Vim.

Rebuilding With Vim.

Messrs. Folger, Wilde & Co., the well-known manufacturers of the Old Business cane and corn mill and of the Folger Self Skimming Evaporator of (Washington, Iowa, whose foundry and factory were entirely destroyed by fire a few weeks since, write us that they commenced to rebuild on the 14th October, and that if the weather continues good, they will make things lively again in the course of a very short time. They will build of brick, larger than before and be able to do much more and better work. Mr. Folger, is now in Illinois experimenting with a new steam pan patented byhim and our Mr. Dan Wilde. Mr. Folger, has always been very sanguine by him and our Mr. Dan Wilde. Mr. Fol-ger, has always been very sanguine about it and seemed to expect more than we thought was safe to calculate on. He has run it about a week, and writes it exceeds his most sanguine extations in many respects, and equals

them in every one.

We build one pan over and into the other so that the steam and heat that arise from the bottom pan help to boil the top. The steam after going through and doing its work in the bottom coil passes into the coil in the upper pan, where the into the coil in the upper pan, where the defecating is done, thus using the heat that is usually wasted in doing good work. We hope to show something good and novel in this line next year.

The Boomer Filter.

The Boomer Filter.

The Boomer Filter.

EDITOR RURAL World: I noticed some time ago, a statement from a complex per and believe that it gold increased planting of the care with 400.

We look or a largely increased planting of the care with a supply for the wants of the American people will be obtained so that we will be independent of foreign nations for sugars and sirups.

Will our readers please bear in mind that we are very anxious to hear from them to learn what have been their successes the present season.

National Sugar Growers' Convention.

We are requested to state when the annual convention of the Nationals Sugar Growers' Association will take place, and being desirous of consulting the convention of the Nationals Sugar Growers' Association will atkee place, and being desirous of consulting the convention of the Nationals of the Sugar and the continuing and sugar making of the state at its height, and those of our friends who wish to visit the south to see both can lead the care of time.

The transportation will be much less than at half the price of any other time. We have the sugar not profisible—The Diffusion Systems and the can have a can have been on this sum that they are reducted time. The transportation will be much less than at heal fit here for day other time. We have the near than attended to the sum of the can be and the place, and being desirous of consulting the country is not than the words and the control of the can be producted to the place of the can be at its height, and those of our friends who wish to visit the south to see both can leave on Friday night Nov. 19th. Let us hear from you, gentlemen, on this matter of time.

The Boomer Filter.

EDITOR RURAL WORLD: I noticed some time ago, a statement from a corporating the business regards the sum and a contained in the sort of the manufacture of glucose factors and the control of the can perfect on the place of the can be at its hear to the place of the can be at its hear to the place of the can be at the place o

Mr. what Kare Cov. H. C. Warmoth of Louisiana arrived in this city from Europe yesterday in the steamship Arizona. Gov. Warmoth, in company with Mr. G. L. The Sorghum Outlook.

With the exception of the excessive wet weather some three weeks ago, the sorghum growers have had the most favorable autumn for many years for harvesting their cane and making sirup and sugar, and judging from the samples of sirup and sugar coming to the Rural World office, the quality of the product will be much better than ever before. In these times of low prices for wheat, wool, oats and other farm products, the sorghum grower and manufacturer will be quite as well off, and much better off, if prepared to handle and sell his product

The above is an illustration of a Bagasse burner just patented by John C. Semones, which will claim the attention of sorghum growers next season to a certainty, for the reason that it possessimprovements over all others heretofore made. Will dry the bagasse without additional fuel, and burn it too. Call upon or write him at Hotel Hunt, St. Louis, Mo.

Rebuilding With Vim.

trip abroad Times.

We are a Sugar-Eating People

We are a Sugar-Eating People

Prof H. W. Wiley says the consumption of sugar per head in the United States, during the last year was not far from 45 pounds. For 55,000, one four hundred and seventy-five million four hundred and seventy-five million pound (2,475,000,000 lbs.) Even at the low rates at which sugar is now selling, the total cost is enormous. We can safely seimate the last cost, i. e., the retail price paid by consumers, at 8 cents per pound. The expense per person is therefore (45x8) equal to \$3.60. The total expenses of our national government are less than \$250,000,000 annually, or only as bout \$4.50 per inhabitant. It is thus seen that the cost of sugar to our people is but about a dollar per head less than the taxation of National purposes

This does not include the cost of smolasses of which the amount imported into the United States, for 1883, was in round numbers thirty million gallons. The quantity of molasses produced in Louisiana in 1852-83, was in 5,716,755 gallons. Of the foreign molasses, coming mostly from Cuba and other West India Islands, the greater part is reboiled, producing a second crop of sugar crystals. The molasses from the second crop is used either by distillers or mixers, or sent to England where it is used for table purposes under the name of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Louisiana, from the sugar cane in the control of the product of sugar in Lou

Total ... 60,000,000

To this we should add the product of the maple forest, which, although not large in amount, is yet important. We have then in all not less than sixty-one million (61,000,000) gallons entering into consumption, or a little over one gallon of molasses and sirup per inhabitant

The average retail cost of these sirups to the consumer, is not less than 50c. a gallon, or \$30,000,000. Add this to the retail cost of sugar, viz. \$188,000,000, and we have the total of \$218,000,000 as the actual cost of sugar and molasses to the actual cost of sugar and molasses to the consumer of our country. This is a figure which may well cause us not only to wonder, but also to study carefully the

economic side of the problem.

SUGAR SUPPLY IN OTHER COUNTRIES.

In order to have a proper idea of the sugar industry of our own country, it is necessary that we look at other lands.

SEASON OF	1883-4	1882-3	1881-2	1880-81
Countries.	Tons.	Tons.	Tons.	Tons.
Germany	940,000	848,124	644,775	594,223
France Austria- H'n-	465,000	423,194	393,269	333,614
gary	445,000	473,002	411,015	498,082
Poland	310,000	284,491	308,779	250,000
Belgium Holland and	305,000	82,723	73,136	68,626
other L'nds	40,000	35,000	30,000	30,000

countries as follows:

Countries.

British India.
China, Hong Kong, etc.
Cuba and Spanish Possessions.
Cuba and Spanish Possessions.
Dutch India, Juva etc.
Dutch India, Juva etc.
French West Indies, Guiana, etc.
Brazilian Empire.
Mauritius, Reunion, etc.
Manilla, Philippine Islands.
Louisiana, Texas, etc.
Expytian Provinces.
Peru, South America
Hawaitian Islands
Mexico. Mexico.....All other countries....

. 4,900,000 Total from sugar cane,

Allowing for a reasonable increase during the three years which have pass-ed since the above estimate was mad, we may now safely place the world's

LOUI	SIANA SUGAR	CROPS, 182;	3 TO 1883.
Crop of	Hogsheads.	Crop of	Hogsheads.
1882	241,220	1853	449,324
1881	122,982	1852	321,934
1880	218,314	851	237,547
1879	169,972	1850	211,201
1878	213,221	1849	247,923
1877	127,753	1848	
1876	169,331	1847	240,000
1875	144,146	1846	140,000
1874	116,867	1845	186,000
1873	89,498	1844	200,000
1872	108,520	1843	100,000
1871	128 461		140,000
1870	144,881		90,000
1860		1840	
1868	84,256		115,000
1867	37,647	1838	
1866		1837	
1865		1836	70,000
1864	10,387	1835	
1863			100,000
1862	No data	1833	
1861	459,419	1832	70,000
1860	228,753	1829	
1859	221,840	1828	
1858	362,296	1827	
1857	279,697	1826	
1856	73,296		30,000
	921 497	1994	33,000

sugar of the sugar cane, maple, beet and sorghum. \$Louisiana Sugar Report 1882-3 p. (XLIV)

Experience with Sorghum.

Experience with Sorghum.

—Last spring one of my neighbors had a small piece of ground that a stream separated from his farm. It contained one and one-eighth acres. I leased it from him for the sum of \$4. My object was to try an experiment with cane in Illinois for the purpose of making sirup. I plowed the ground as soon as the frost was out, very shallow, then hauled 21 loads of slaked ashes and stable manure on the ground, for which I paid \$1.75. I was out, very shallow, then hauded ziloads of slaked ashes and stable manure
on the ground, for which I paid \$1.75. I
then harrowed it well, and let it lie till I
was ready to plant. I then plowed it
again, very deep, turning the manure and
all under. I then sowed one and onehalf bushels of salt on the piece, for
which I paid 75 cents, then harrowed
again, laid off both ways three feet apart.
I dropped the seed by hand ten to a hill,
and covered with a hoe. My object for
twice plowing was to get the manure
down far enough for the main roots to
reach it, and thus give strength to the
plant, for the cane plants, when they
first shoot through the ground, are very
minute and tender. And again by plowing the second time you get all the foulness to the bottom, and by sprouting the
seed before planting and covering shallow, in loose soil, they get a start before
the weeds. As soon as all the plants
were through I began to cultivate, and
let all grow till about four inches high, let all grow till about four inches high, then thinned them to five in hill. It was so wet my plants did not do well for some time, but when dry weather set in, the salt served to hold the moisture, and my plants grew rapidly and were fine speci-

adulterate it and is by them sold to the consumer, whereas the other is manufactured in larger quantities and pass the consumer. Farmers should be designed in the manufactured in larger quantities and pass the consumer. Farmers should be production of the tax on beets.

"The methods employed in the manufactured of sugar argreatly superior to of sugar argreatly superior

acts for itself rather than is acted upon and lays out a deep, far-reaching scheme of farming and executes details with ski.l. We can afford several papers, including others than farm papers and many books.

WHAT TO BUY.

This will depend upon our liberality with ourselves, and whether we are to engage in strictly special farming, as many are doing. Broadly and liberally viewed a full library of so-called practical works, of scientific farm works, and if those that are of historic value should be organized.

The state of the control of the cont out country experience, are students of farm science because of its inherent attractiveness. I have personal knowledge of a lady of national reputation, whose life has been in the town, who thus studies farm literature and science.

I wish particularly that our young men might feel the force of the fact hat the book has been joined to the plow, accepting the full significance of the fact. A few, or many farmers, think that they cannot afford the farm paper, nor the book. One of the most elegant and forcible farm writers of the country set aside, when a young man, \$50 a year from what he esteemed the tobacco and perhaps whiskey money of many farm—site and they cannot afford the farm paper, nor the book. One of the country set aside, when a young man, \$50 a year from what he esteemed the tobacco and perhaps whiskey money of many farm—site and they cannot afford the farm paper, nor the book. One of the settlement of the country at large, is so in the first try, a very important measure, and they gave me \$150,000. I asked for \$80,000. I asked for

CLINTON, ILL., October 16 .- During

between the stems, where let them cure, with fit is to fit to fit

from what he esteemed the tobacco and perhaps whiskey money of many farmers, and of course has a good library.

Is it true that papers are not within the reach of our means? If I may like information to a farm tool I unhesitatingly affirm that it is the cheapest and most efficient implement on the farm. It acts for itself rather than is acted upon and laws out a deep for resching scheme.

In De Witt County, III. self as a competent veterinary surgeon.

In De Witt County, III.

CLINTON, ILL., October 16.—During he past week or two sharp frost weather has materially aided in the maturing of corn. Farmers have begun gathering and executes details with many books.

WHAT TO BUY.

This will depend upon our liberally with ourselves, and whether we are to engage in strictly special farming, as seventy-five bushels to the acre. Such is the organized.

Considering the question from the narrowest possible standpoint of the man who will buy but two or three works, I should be constrained much against my will will be constrained much against my ludgment to recommend the hand book of farming or one of the few encycloped dias of farming or one of the few encycloped edias of farming, or of stock growing, etc. Farming is so broad that no man on one work can cover it with any degree of satisfaction. We must have our authorities for each department of farming, and then we fail to obtain a work that is exhaustive of that special field. Well advising against the all purpose book in favor of special works, yet I do by not hesitate to advise one to buy this class of works at once, rather than induge in none.

In De Witt County, III.

CLINTON, ILL., October 16.—During he past week or two sharp frost weather has materially aided in the maturing of corn. Farmers have begun gathering any because and whether we are to engage in strictly special farming, and the maturing of seventy of the strict or possible standpoint of the man who will buy but two or three works, I should be constrained much against my lute with ourselves, and whether we are to engage in strictly special works, and if those that are of historic value should be organized.

Considering the question from the narrowest possible standpoint of the man who will buy but two or three works, I should be constrained much against my lute with the farm works, and if those that are of historic value should be organized.

Considering the question from the man who will buy but two or three works, I should be constrained much against m

Che Shepherd.

Officers of the Missouri Wool Growers'

President—H. V. Pugsiey, Plattsburg, Mo. Vice-President—G. H. Wallace, Howa

Treasurer-N. H. Gentry, Sedalia, Mo. cretary-L. L. Seiler, Osborn, Mo.

OFFICERS OF THE MISSOURI MERINO SHEEP BREEDERS' ASSOCIATION.

President, Samuel Jewett, Independence; Yoo President, R. T McCully, Lees Summit; Secretary and Treasurer, H. V. Pugsley, Plattsburg; Directors, Dan. W. McQuitty, Hughesville, Mo., Harry McCullough, Fay-

ed by Taylor Bros.

nsas fine—First premium, \$25, L. J,

n. Paola, entered by Langenberg.

Shropshire and Hampshire-Down Sheep.

The Shropshire and Hampshire downs The Shropshire and Hampshire downs are two essentially modern breeds of English sheep. The desire to improve all kinds of live stock took possession of progressive English farmers during the latter part of the eighteenth century. The Wiltshire sheep were a hardy, horned, white-faced breed, which when pressed with the improved bornless darkacrossed with the improved hornless, dark-faced, well-bred Southdown, became a profitable market breed, especially for raising early lambs, and their wool was also greatly improved. This cross, with a dash of Cotswold or Leicester blood, to the foundation of the Hampshire.

a dash of Cotswold or Leicester blood, is the foundation of the Hampshire-downs. They had been bred for black or dark faces and legs, which were Southdown characteristics, but when Southdown breeders found the Hampshires competing with them in the market, and successfully, from their larger size, they changed in a measure the fashion of color in their legs and faces, now-a-days preferring the grizzly brown.

Section of the control of the contro

First prem., \$50, T. C. Goldsborough.
Archie, Ili.
Statistical and the most perfect in flower excession of the premium and the most perfect in flower excession of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of the premium and the most perfect in a flower of highly appreciated by the previous and and carcasses of plants and the most perfect in a flower of the previous and the p CLASS E.—FAT SHEEP.

For the best three fat wethers, 2 years old and over—Premium, \$25. Taylor Bros., Waynesville, Ill.

WOOL AND FLEECES.

In the Wool Department the awards were as follows for the best sample of fine wool, determined by the beauty and elasticity of fiber, length and strength of staple, brightness of fleece, and general good condition:

Missouri fine—First premium, \$25, awarded to O. Caverin, Walker, entered by J. Schott & Co.; 2d, \$10, S. Jewett & Son, Independence, entered by S. Jewett & Son.

Illinois fine—First premium, \$25, J. H. Randolph, Kinney, DeWitt County, entered by Taylor Bros.

Kansas fine—First premium, \$25, L. J., Ouign Paale, avaread the second of the present and more be furnished.

Mutter and Strength of attainment it is to match this wool in Texas—in any quantity—and the importation of 1,400 bales of 400 pounds to the importation of 1,400 bales o

Kansas fine—First premium, \$25

Mutton and Other Matters.

—The appeal to wool growers to plead with Congress to restore the tariff, lately reduced, is perfectly annoying. Sheep the Melton & Claphamson; 2d, \$10, J. Leeper, Randolph County, entered by J. Schott & Co.

Illinois medium—First premium, \$25, J. O. Davis, Waynesville, entered by Taylor Bros.; 2d, \$10, Tom Panting, Shelby County, entered by J. Schott & Co.

Missouri combing wool—First premium, \$25, Jas. Slusser, Iola, entered by J. Schott & Co.

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Missouri medium—First premium, \$25, Jas. Slusser, Iola, entered by J. Schott & Co.

Missouri medium—First premium, \$25, Jas. Slusser, Iola, entered by J. Schott & Co.

Missouri medium—Fi Mutton and Other Matters.

sold to boarding houses for 6 to 8 cents by the gross less for inferior, while many would be willing to pay from 10 to 12 1-2 for first-class, could the butchers be relied upon. Is there a remedy? I think there is, and it may be, that men who raise sheep for mutton be compelled to adopt and that would be to establish mutton shops, sell by the gross, at a small profit, to boarding houses and hotels, get first-class mutton for those that want it—by all means extend the consumption and do away with hog meat which only breeds scrofulous diseases in the human body.

As for wool, the United States manufacturers will be fully supplied in a very the control of the first profit of the second of the first profit of the first p this department in charge and will have a financial interest in its success, and will extend it as far as seems advisable. At present there are only about seventy old fowls and four hundred chicks. The rew years with American wool. Why, then, should we resort to propping up, as down we must come, and sheep men of the West have no need to complain, they have been reaping a rich harvest at the expense of many eastern wool growhouses built of wood and divided into apartments suitable for keeping flocks of about a dozen each. Each enclosed apartment is about six feet square, with an open shed adjoining, of like dimensions. At night the flocks are shut into their closed quarters, where the heat from their own bodies helps keep the temperature comfortable. Ventilation

ing out bring litter with them, this should be removed from the tanks by means of a rake. Where this disease has established itself, the sheep must be treated individually. The diseased horn of the hoof must be cut away with a sharp knife, and all ulcers cleansed. A concentrated solution of sulphate of copper (Blue Vitriol or Blue Stone), or a caustic ointment of some kind, should be applied. A favorite ointment for this disease consists of finely powdered blue vitriol, one pound; finely powdered blue vitriol, one pound; finely powdered verdigris, half-a-pound; linseed oil, one pint; pine tar, one quart. The feet are thoroughly smeared with this, which is not washed off, as a solution would be, by the wet grass.

We have the stanks by means of a concentrated solution for the farm; now I want to raise them to pay. I have tried a good many breeds but like nor so well as the White Leghorns and Plymouth Rocks, the former for eggs, the latter for market and home use. How would it do to cross them?

Here is my remedy for cholera, which I have tried successfully: Keep their drinking water clean and put a small lump of topperas in it twice a week, or a smaller lump of blue vitriol will do just as well. Put a little cayenne pepper in heir feed now and then. I think it is worms that cause cholera, as after they drink the copperas water I have seen knots of fine white worms two or three inches long in their droppings, after the content of we chickens on the farm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to raise them to pay. I have tried a good many breeds but like arm; now I want to ra inches long in their droppings, after We have just seen the new descriptive circular of the Porter Iron Roofing Co., of Cincinnati, Ohio. It is very handsome and contains the best of testimonials from every state and Territory. This company is the largest manufacturers of Iron Roofing and Corrugated Iron in the United States. Send for circular, which they got well. Some of my chickens have died this summer. They seem healthy but take spells, when they act as if they had fits; they chirp, make a pittful noise and run as fast as they can till exhausted, when they fall down and part effect which they will get up and eat and seem better till the next fit comes on in fifteen or twenty minutes. In a day or two they die. What is the matter and what is the cure?

Old Thomas Allen, a survivor of the Balakava charge, died the other day in a poor house in London. The Government had been paying him a munificent pension of 12 cents a day!

Cuts from barbed wire fence, cured

—There is no prettier sight about the farm than a nice even lot of like colored and uniformly marked, chickens. Like so many soldiers, so they be uniformly dressed it matters not so much what shall This Should Be Read By Al

be the color of the dress. —Having seen some discussion in your journal about the shape of eggs to determine the sex, I can say from experience that to obtain the desired result, or predomination, of either sex, you have to mate your fowls as follows: For cockerels, you have to mate a one-year-old sockers with how sext results that the sext results are the sext results as the sext results as the sext results are the sext results. cockerel with hens not more than two years old, and you will get the desired results. For breeding pullets mate a hense-rold cock with one-year-old hens. I have never had any exception to this rule.

You will be Happy. Make your old things 209 Market Street, St. Louis, Mo.

who died near Madison, Ga, leaving \$25,000

for the education of the County orphans. Mme. Delong-Tuyssusian is an example of a woman who possesses the spirit of inven-tion. She has received eighteen diplomas at different European exhibitions for her inven-

Mithout the least expense for medical or other treatment, young, old or middle aged men who are weak, nervous and prostrated, from whatever cause, can be quickly and permanently cured. Method of cure new, remarkable, simple and infallible, and approved by the most intelligent patients and physicians. The opportunity is one of a lifetime, and those interested are advised to apply at once, enclosing self-addressed stamped envelop for all particulars, to Anti-Medical Bureau, 9 Dey Street, New York.

A man at Vernon, Mich., who was about to die, deliberately got drunk, explaining be-forehand that intoxication always made him more fervent. His friends say that he was perfectly sincere.

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Interest to Every Family. Important Intelligence from the Old Country Where Cholera has Prevailed

ASIATI CHOLERA.

[From Rev. R. Telford, missionary in China, new visiting his home in Pennsylvania.]



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TS!

Horticultural.

Judge Samuel Miller, Blufiton, Mo. will assist in conducting the Horticultural Depart ment in this journal. Any inquiries addressed to him willoe promptly answered through the RURAL WORLD I His Express office ad-tess is Morrison, Gasconade county, Mo.

It is hardly necessary to call attention to the illustration of the Niagara Grape Vine, which appears on this page. It is one of the best varieties of grapes in the one of the best varieties of grapes in the country. All who tasted the samples of this variety sent us by Mr. T. S. Hubbard, pronounced them excellent. If they succeed as well in the West as in New York, they will be a great acquisition in this section.

Notes from Samuel Miller.

APPLES, GATHERING AND KEEPING ,-Although we do not handle this fruit by the hundreds of barrels, as many do, it is possible that some instructions can be given to those who are not posted upon the subject.

The gathering should be done on a clear, dry day, and handled carefully so as not to bruise them. It is the custom of many to put them in piles in the orchard, and cover with straw to keep off the sun and from getting wet if rain occours. They say to let them sweat. This, of course is the best one can do who has not cellar room, but I do not deem it best. Others take them home and put them in bins a couple feet deep and cover with boards.

This latter is a first rate plan to ripen them and the very thing not desirable.

This latter is a first rate plan to ripen for long keeping. Others pack them in barrels as gathered from the trees, and leave the barrels stand in the orchard until shipped; which sometimes is several weeks thereafter.

This to me seems the worst plan of all, as the alternate warming up through the day and cooling at night hastens decay, and there will always be some which look sound when gathered that will rot in a week or more, which is by no means desirable.

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Thanks for the above, and if spared will try it.

S. MILLER.

The Plummer Fruit Evaporator Co.,

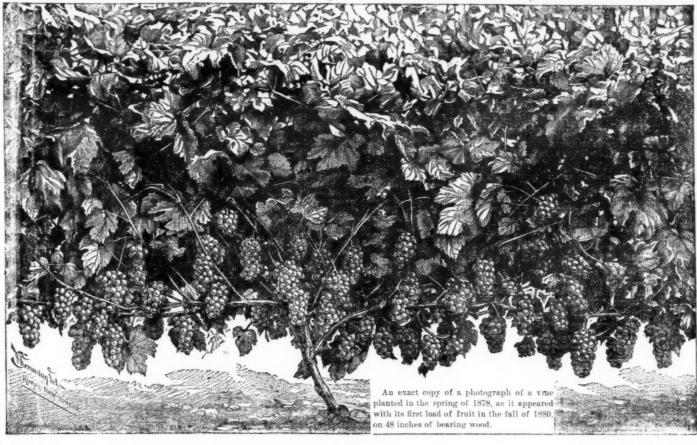
This world wide known Evaporator Company of Leavenworth, Kansas, exhibited a half dozen of their machines in the wagon, were put in the cellar in that condition, but not put in barrels. During the day I left the windows open and closed at night until they were perfectly dry. Then reversed the time of airing. Opened the windows at night and closed during the day; thus keeping them as cool and in as even a temperament as possible. This was done until the weather got so cold as to endanger.

The competition in fruit evaporators.

Time to Gather Them.—Some go into the orchard and make but one job of it, while there should be some weeks between picking such as Rambo, Jonathan and Winesap, and that of Jeneton. The latter is not injured by pretty sharp frosts.

frosts.

Whenever they begin to drop off the fully developed specimens without storm, is the time to gather. I find my Jonathans and Winesaps will soon have to be picked, while the Jeneton and Newton



to Champaign County before the 15th of the month. Truly yours, B. F. J. Champaign, Iils.

Thanks for the above, and if spared

the weather got so cold as to endanger their freezing. These apples kept as well as I ever had them keep. Those who have no cellar are behind the times, and should make one.

The competition in fruit evaporators has of late been extended and wide-spread, and the success achieved by the Piummer evaporators has been unequivaocal and undoubted. Out of a competi- grass. Plant in rows four feet apart ocal and undoubted. Out of a competition, in which no less than 144 entered at the Paris exposition, the Plummer received the gold medal, and it also received first premium at Vienna and Philadelphia. It also defeated all opposition in the fruit growing regions of California and Oregon, which perhaps is the best testimony to its great efficiency.

Mr. Plummer who had charge of this exhibit, stated, he had never entered into competition with any other machine or process for evaporating fruit that he had not come out with flying colors. He reports having taken over sixty medals

Basket Willow.

—The sets for basket willow can be best procured at some established plantation. The variety is known by its long, dark shoots, six to eight feet in length, with very slight variation in size, the west that of the state. The Plummer Fruit Evaporator Co.,

This world wide known Evaporator Company of Leavenworth, Kansas, exhibited a half dozen of their machines in the open shed adjoining the Machinery Hall at the St. Logis Fair, and the intermediate to short a growth to sail. Every through the entire length. The common willow, having yellowish bark, is nearly as flexible, but it branches more freely, and there is greater variation in size, of the shoots. The sets of basket willow should not cost much, as on most stools there will be many at the base that will make too short a growth to sail. Every there will be many at the base that will make too short a growth to sell. Every shoot containing a bud will grow if planted in properly prepared soil. Low, moist ground is generally chosen for this purpose. The plants had better be procured in the Fall or Winter, and put in the cellar or in pits out of doors until Spring. The price of good, straight, unpeeled willow varies from \$20 to \$30 per ton at the factories. Manure and good culture will increase this crop as well as any other, though most plantations, after a few years, become over-run with grass. Plant in rows four feet apart grass. Plant in rows four feet apart and keep the grass down when young. It is a great point, as the stools get older, to allow no more shoots to start than the plant can make grow to sufficient length for selling.—Ex.

How to Plow an Orchard.

—Whether to plow the orchard to the trees each year, or to turn the sod in opposite direction in alternate years, must depend on the soil and location. It is only in exceptional cases that the former course should be pursued. In poorly drained orchards, on low, black land, the practice of heaping the sod about

kept, is like that of canning fruit, corked when at "a boil," and there sealed. It should be sown this month. Select must be treated much the same as canned fruit, and when opened for use in warm weather it must be speedlily consumed to relept the fruit, and when opened for use in warm weather it must be speedly consumed or kept on lee to prevent fermentation. Old wine bibbers do not always take to yet amazingly, women particularly, after or with a good fertilizer of some sort, and sow in drills about one foot apart that a good good freezes very hard they should be protected with a light to warms and refreshes, and leaves no "bad telling" as a penance. One of our manufacturers has shipped a good deal to England, and also have orders from long distances. Wine already fermented can be made into an unfermented brand of virtably the same quality by placing it in open bottles in bollers filled with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended with cold water, gradually heating it to the boiling point and then sealing; but it is troublesome and expensive, and attended w

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can only be cured by a thorough purifica-tion of the blood. If this is neglected, the disease perpetuates its taint through generation after generation. Among its earlier symptomatic developments are Eczema, Cutaneous Eruptions, Tu-mors, Boils, Carbuncles, Erysipelas, Purulent Ulcers, Nervous and Phy-sical Collapse, etc. If allowed to con-tinue, Rheumatism, Scrofulous Ca-tarrh, Kidney and Liver Diseases, Tubercular Consumption, and vari-ous other dangerous or fatal maladies, are produced by it.

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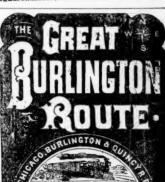
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INVITATION TO SPEAK AT ST. JAMES, MO.

COL. N. J. COLMAN: At a meeting of the Farmers' Stock Association of S James Co., Mo., a resolution was pass inviting you to attend the first fair as stock sales of the association to be held at the St. James Fair Grounds, Nov. 12th, 1884, and deliver the opening address on the occasion. There will be a large attendance, and we expect there will be a great sale of stock. Hoping will be a great sale of stock. Hop you will not fail to be present, I am

Yours respectully, VICTOR WM. REITZ, Co. Sec'y. Reply. We now know nothing to prevent our being present, and will try to be with you on that occasion.

eattle news will be found in our market

More corn, more stock, more pasture more meadow and less wheat is now the motto of the farmer.

Spring clips of wools are now about out of growers hands, and the buyers would be glad to sell.

A HEAVY fall of snow was reported Oct. 16th, in New Hampshire. It the first of the season.

Oню went Republican last week by a majority of about ten thousand. Virginia went Democratic.

ST. Louis has been full of conventions for a week or two past, and what with them, the Fair, the Exposition etc., our

THE De Laval Cream Separator Co., will have their machine on exhibition during the National Cattle Men's Con vention in St. Louis.

So FAR as receipts of wool in this city just now are concerned, they consist mainly of fall clips of Texas wool, which are selling at from ten to thirteen cents.

EVERY indication to date goes to show that the National Cattle Men's Convention in St. Louis, Nov. 17th, will be a grand success, and the city full of people from all parts of the country.

THE average crop of wheat per acre throughout the country according to our statistics is about thirteen bushels per acre. Figure upon this, farmers, in any way you may, and raising don't pay. you may, and you will find wheat

THE apple sent us for identification from Illinois last week as growing with several other varieties, is the Smith's Cider. We would have written the gentleman sending it, but for the fact that the letter accompanying it has been missed from our desk.

BEN. S. MILLER, President Cherokee Strip Live Stock Association; H. M. Taylor, of Bureau of Animal Industry, Taylor, of Bureau of Animai Industry, Trinidad, Col.; Major Harvey, Salmon, Clinton, Mo.; Capt. Payne, Kansas City; and Col. John N. Simpson of Continental Cattle Co., Texas, were in the city on Monday, and will remain for a day or

THE Knox county, Mo., farmers had a grand meeting last week, in the interest of their creameries. It was one of the most successful meetings, and one of the most enthusiastic ever held in the ounty. A full report will be found in this issue, and is certainly calculated to encourage the farmers of Missouri to go and do likewise.

On the Dairy page of this issue will be found a report of the names of the manu-facturers of dairy implements who ex-sibited in the Dairy and Creamery Dehibited in the Dairy and Creamery De-partment of the St. Louis Fair, the goods they had on display, and the prizes they took. We also give a list of the names and addresses of those who were successl in securing the premiums offered for atter and cheese.

Five hundred million bushels of wheat. 1,800,000,000 bushels of corn, and 6,000,-000 bales of cotton, head the list of lead-ing products of the country this year. If the reader has the time and inclination to figure out what this amounts to in dollars, not to talk of the many other not far beneath them in the multiplication table would hardly be the task, but it would giv some idea of how we grow.

Hon. Albert Chapman, Secretary National Wool Growers' Association, writes Col. A. J. Child of this city, that he will call the annual nueting of the association at St. Louis about Nov. 17th.

show all proper courtestes to their friends who meet here in attendance at the Na-tional Wool Growers' Association. The RURAL WORLD extends to all a hearty welcome, and can promise them a great meeting and a grand good time.

THE St. Louis Exposition closed on the success. St. Louis's first exposition season has been most successful—much more so than its most sanguine friends predicted or expected. Next year the management, with abundant time and dunimited funds at its command, added to its experience, will place before the public a much finer display of the arts and resources of the Mississippi Valley. The structure itself, is a source of pride to the city, and a monument to the enter-18th, after six weeks of uninterrupted success. St. Louis's first exposition sea-

and garden vegetables. As it may not last long and King Frost with his icy fingers may soon be here, we advise every farmer to finish all his fall work while he can with comfort. Picking apples and potatoes with cold fingers is not pleasant, and now while the weather is warm is the time to do it. Shucking corn is pleasanter in warm, than in cold wet weather. Fill the corn cribs now while you can with comfort.

Subject a ggest the absence of competition entirely, or rather the results of pools or combinations. No better illustration can be produced than that of a WORLD. For illustrated catalogue write to W. S. Frazier & Co., Aurora, Ilis. Nebraska farmer who recently shipped a car of wheat to Chicago. The wheat sold for \$234, and yet the net proceeds of ADVERTISING: 40 cents per line of agate solution 5234, and yet the net proceeds of that car was only \$111. The commission for selling, storage and inspection, amounted only to a mere trifle, so that the railroad company made a good deal more out of that wheat than the farmer who raised and marketed it. To say that there is something radically wrong and very unjust, very visible here, would be drawing it mild. The claimants of justice do not mingle in the case at all. The questien arises, how the farmers in that section can exist when it costs so much to market their products? much to market their products?

THE next Annual Session of the North American Beekeepers' Association, will be held in the City Hall, in Rochester, N. Y., October 28, 29 and 30, 1884. First session to be held at 1 p. m., Tuesday, October 39.

Detober 28.
Essays will be read as follows: "Nectar," by Prof. A. J. Cook, of Michigan; "Wintering Bees," by W. F. Clarke, of Canada; "Marketing Honey," by T. G. Newman, of Illinois; "Foul Brood," by Newman, of Illinois; "Foul Brood," by D. A. Jones, of Canada.

The balance of the time will be occu-

pied in discussing these and other topics of general Interest, such as "New Races of Bees and their Crosses," "Best Method of Producing Box Honey," "Best Method of Producing Extracted Honey," "Prevention of Swarming," "Artificial Pasturage," "Best Size of Sections," &c. As usual, interesting items of local and

A MEETING of a large number of the cheese dealers of St. Louis was held in this city on Monday last, to consider matters of special n ment to their business and to that of th ty and country customers. At that eeting the following resolution was

"Resolved, That it is the sense of this meeting that the sale of all adulterated butter and cheese, or imitations thereot, should be opposed by all lawful means, and that we hereby pledge ourselves to refrain from the sale of the same, and to discounterance and to all all forms. discountenance and use all diligence to

prevent the sale by others.
[Signed] M. McKeen & Co., Trues-(Signed) M. McKeen & Co., Truesdall & Biggers, H A. Rehbein & Co., Roeden Bros., Hassenduble Bros. & Co., Hudson Bros., Hoffman Bros. Produce Co., J. A. O'Nell & Co., R. Hartmann & Co., Kuene & Miller, H. E. Wetzel, W. N. Tivy, C E. Udell & Co., John Purcell & Co.

We shall await the action of the Chi-A LATE issue of an English journal re-

fering at length the production of wheat at home and abroad, the cost of the English crop placed in the market, etc., is forced to admit that in view of present and prospective prices, the farmers of Great Britain cannot afford to grow wheat. On the contrary, it is shown that at 90 cents a bushel, the orice at which foreign wheat can now be laid down in her markets, it would be folly for the producing class there to at-tempt to compete with America and oth-er countries, which have an enormous surplus every year for export. Indeed figures are produced which very clearly disclose a big loss to the farmers there, if they have to select the prevailing prices, which are not more than three-fourths the cost of production. The actual cost per acre, is shown, and the net proceeds or returns, reveal a loss of ten dollars per acre. The English farmers then, it appears, will have to cultivate some other crops that promise more profit. Each year the outlook for wheat growing grew more gloomy, until at last we find them yielding to the inevitable—pushed to the wall by foreign competition. The most perplaying superior tion. The most perplexing question at present with the English farmer is, what cultivate or select for a crop in the osence of wheat—how to turn his ex-

itegaru to wool in that market:

"The wool market has been quiet throughout September, and present indications are not favorable to an immediate feath analyzing as follows:

Ist can, 17.474 per cent. fat; 2nd can, 18.29 per cent. fat; 2nd can, 18.18 per cent. fat; 2nd can, 18 who market has taken into the usual and the mouth rut and jogged along without much animation. It is quite probable that this state of affairs will continue until after election, and then we look for a better trade generally. It seems to us that the business of the countries in a position to improve as soon.

The national meeting of the stockwill be no change to effect existing tariff regulations. There has been going on a contraction in values and production for a long time now, and the turning point should not be far off. Our large crops will be a great weight in the scales just as soon as the improvement is started, and it seems altogether likely that the election will be the turning point. Wool is on a low basis; it is still impossible to import to compare with demostic flowers. tion at St. Louis about Nov. 17th.

The wool commission men of St. Louis and the Wool Growers' Association will show all proper courtesies to their felorate.

ROAD CARTS.

This is an era of road carts. Ten years This is an era of road carts. Ten years ago they were comparatively unknown. Now they are in almost universal use. They are lighter than buggies and have less gearage and consequently less wear and tear. They cost less which is another thing in their favor. They run lighter. With a fractious horse they are far superior to the buggy, as a horse may turn completely around when before them, while, if before the buggy, it would be upset and the passengers probably management, with abundant time and untimited funds at its command, added to its experience, will place before the bugst and the passengers probably to its experience, will place before the public a much finer display of the arts and resources of the Mississippi Valley. The structure itself, is a source of pride to the city, and a monument to the enterprise and liberality of its citizens.

We have been blessed with the most lovely weather for autumn farm work lovely and for the past two or three weeks. It has been just such weather as the farmer desires to gather his corn, potatoes, apples and garden vegetables. As it may not last long and King Frost with his icy fingers may soon be here, we advise these remarks because we have ridden to experience, will place before the sangers probably will be obtained. It is then the intention of the Stock Yards Company pany the probability is that the property will be obtained. It is then the intention of the Stock Yards Company to lease or resell the works to the best advantage, that they may be started once more. The stockholders of the Stock Yards Company to lease or resell the works to the best advantage, that they may be probability is that the property will be obtained. It is then the intention of the Stock Yards Company the probability is that the property will be obtained. It is then the intention of the Stock Yards Company to lease or resell the works to the best advantage, that they may be started once more. The stockholders of the Stock Yards Company will be obtained. It is then the intention of the stock Yards Company is pany the probability will be obtained. It is then the of the Stock Yards Company is pany the probability will be obtained. It is then the intention of th

of railroads in the country, and especial-ly the number of parallel roads from the East to the far West, the high rates still prevailing, and to which farmers are WORLD. They can be used by ladies, and are safer for them than buggies.

THE COMING CONVENTIONS.

27th, and the National Fat Stock Show at Chicago on Tuesday Nov. 11. On Tuesday, Nov. 11th, the American Southdown Breeders' Association will meet at the Sherman House, Chicago, at 7:30 p.

On Wednesday, Nov. 13th, the American Galloway Breeders' Association will meet at the Grand Pacific Hotel at 7:30

On same day the National Horse treeders' Association will meet at the therman House, Chicago, 7:30 p. m. On same day the American Breeders' ssociation will meet at the Sherman House at 7:30 p. m. On Nov. 13th, the American Clydes-

dale Horse Association will meet Grand Pacific Hotel, Chicago, at 7:30 p. On Nov. 14th the Illinois Shortborn

Breeders' Association will meet at the Grand Pacific Hotel, Chicago, at 7:30 p. On Nov. 13th and 14th the second annual meeting of the American Stock-men's Association. Time and place of meeting to be hereafter announced. On Nov. 18th, National Swine Breed-

ers' Association at Sherman House, Chiers' Association at Sherman House, Chi-cago, at 10 p. m.
Same day annual meeting of the American Cotswold Association, Sher-man House, Chicago. 7:30 p. m.
Same day American Shropshire Asso-ciation, Grand Pacific Hotel, Chicago, 10

'clock p. m. Nov. 19th, American Shorthorn Breed-

Association at the Grand Pacific Hotel, Chicago, at 7:30 p. m.

American Hereford Breeders' Association at Sherman House, Chicago, day and time yet to be named.

and will be held in St. Louis, commencing Monday, November 17th. It is fidently expected that at that time five to ten thousand cattle men, and five to ten thousand eattle men, and those engaged on the range will be in the city to attend the meetings, and accept the hospitalities tendered them.

Interesting experiments have been onducted at the Laboratory of the St. Louis Dairy Company during the past week, to ascertain the uniformity of the cream obtained through the centrifugal process, as applied by the De Laval Cream Separator. Two tests as follows, show that the point of uniformity is one that can be made with truth and justice for the work of the machine. In both cases a miscellaneous lot of milk was used, being pumped from 8 gallon cans directly into the small vat feeding the

First, the machine was set to skim oout one gallon of cream in 3 1-2 gallons of milk. Result, 39 gallons cream from 131 gallons of milk. Cre Cream received in 4 caus analyzing as follows:

1st can, 10,004 per cent. fat; 2nd can,
9,008 per cent. fat; 3rd can, 10,004 per
cent. fat; 4th can, 10,502 per cent. fat,
The difference in the proportions of
fat in each can, allowing only for a difference of 1.3 of one per cent in the ference of 1-3 of one per cent. in the milk. In this lot the average per centage is 2.93 fat to the gallon of milk, and 9.88 to the gallon of cream; a gallon of cream having been separated from 3 36-100 gallons of milk.

In the second case the machine was set

further increase their supplies, hence the the two lots run at different hours and wool market has fallen into the usual under different conditions of tempera-

The annual meeting of the stocktry is in a position to improve as soon as political issues are decided and the com- holders of the St. Louis National Stock nercial community is satisfied that there Yards, was held on Monday last, at the office of the company, East St. Louis. The stockholders present were: Messrs. S. W. Allerton, A. Boody, John B. Bowman, John B. Dutcher, Isaac H. Knox, C. G. Knox, Isaac Waixel, A. M. White, Henry Klopfer and W. B. Farr. The old Board of Directors were re-elected, with the exception of Chauncey M. Depew, who is a new member, taking the place of Augustus Schell, deceased. The present board consists of: Messrs. S. W. Allerton, A. Boody, John B. Dutcher, Chauncey M. Depew, Timothy C. East-man. Geo. I. Forrest, Jay Gould, Isaac

rchase the bonds of the St. Louis Beef purchase the bonds of the St. Louis Beer Canning Company, par value, \$140,000, if they could be obtained of the trustee in New York at a certain figure. As a majority of the bonds are held by the stockholders of the Stock Yards Com-

THE EDINA MO CREAMERY.

the past few weeks meetings innumerable almost, have been held in this section, the farming portion of the community, and those interested in agricultural mat-The annual Fat Stock Show at Kansas City will commence on Monday, October not known a more epthusiastic meeting. political or otherwise. Indeed, it was an immense gathering, characterized by all that goes to make up an enthusiastic assemblage of the yeomanry of the land, even to the brass band and other inclsembla even to

nection with the dairy business, has been such that he enjoyed the full confidence of all who knew him, and that the people of Knox county were willing to under-the information the regarding Interest the Senator was very warm in his commendation of the speaker, growing out of the fact, perhaps, of their intimate personal acquaintance.

For more than an hour and a half Col. Smiley held his audience with the discussion of those interests with which the farmer especially is identified, but in which all classes of the community are

classes of the community are mutually interested. The dairy interest. of course, constituted the main part of the address, the development of which, Col. Smiley traced from the year 1609, when a few Englishmen imported the first cattle brought to America, and settled in Vivinity. He would a decompt tled in Virginia. He paid a deserved tribute to the enterprising farmers of Koox county, commending them for the intelligent interest they manifested in all that pertained to the farm, and their desire to embrace all practicable aids in their business. their business.

their business.

About one year ago, through the instrumentality of Col. Smiley, the Southers to these numerous meetings because they are all important, and will prove of more than passing interest to all concerned.

The National Cattle Men's Convention however, will be larger and more important than all the foregoing put together, and will be believed. the address was the best ever delivered in the county. This creamery is now paying out \$3,000 per month for cream alone, which, when added to the sum paid the operatives, makes quite a handsome amount to be distributed in this or any other community every four weeks. It turns out 700 pounds of butter per day —the real "gilt edge" article—and, of course, commands the highest price in any market. As an evidence of the satisfaction our people feel in this enterprise, it may be remarked that there is not a dollar's worth of stock for sale, and the teach black of stock for sale. and the stockholders are not desirous of

changing their investments.

Missouri being so well adapted to the dairy business and the industry being so practical and profitable, it is a matter of wonder to your correspondent that there is not a creamery established in

Capt. is an enthusiastic creamery man. stockholder in the one at his place, and ve hope to have him with

iture occasion. Committee. Edina, Knox Co., Mo., Oct. 18, 1884.

Fotes-Correspondence.

note the advertisement on another page, of Louis, who will be pleased to answer all en quiries, and give the information desired.

under "Deserving Special Mention," will be found the notice pertaining to the Winona Twine Binder, wherein it states-"a new twine binder in the knotter"—should read—
'a new twine holder in the knotter"—this
correction makes it intelligible to all readers.

-The following notice was omitted from the review of the Dairy and Creamery Exhibit at the Fair: Mr. J. G. Cherry, manufacturer of Cherry's creamery, Cedar Rapids, Iowa, was one of the exhibitors in this department. His test churn and refrigerator and transportation can is rapidly growing in

man. Geo. I. Forrest, Jay Gould, Isaac
H. Knox, Joseph I. Martin, Nelson Morris and Alex. M. White.
The Board of Directors will meet in
New York some time next week and
choose officers for the ensuing year. The stockholders at yesterday's meeting also hold. The theme of the book is maternity empowered the Board of Directors to and kindred tonics. Each subject, although and kindred topics. Each subject, although boldly and skillfully managed, is handled in the most delicate manner. The health of the women and children of our land is worthy As a of the highest consideration, and the author who can mitigate the thousand and one evils that assail their pathway is indeed a public benefactor. Chicago: Sanitary Publishing

-We have received from Col. S. D. Fisher, eretary Illinois State Board of Agriculture, secretary Illinois State Board of Agriculture, a handsomely gotten up volume of the transactions of the Board for the past year. One can hardly sit down and consult such a volume, and not realize that it came from a great agricultural State, and from a State Board beauting the beauting of the state. having the interests of its constituents at heart; for not only are the proceedings of the Board reported, but of the various County ns, their fairs, the Fat Stock Show, associations, their fairs, the fair stock show, etc., etc. There is aggregated in this volume a fund of fact, and of information worth many dollars to the farmer, who can find the time to consult its numerous pages, and gather from them the facts and figures porthese remarks because we have ridden over stones and gullies, and at low and rapid gait with Mr. Wingard, agent of Frazier & Co's Road Carts, Aurora, Ills., and we must say that with his late patent, the Cart carries one as easy as any buggy ever made. The horse action is entirely removed. The carts are of various designs to the content of the conte

ent, setting forth EDITOR RURAL WORLD: Notwith-that \$90,000 in presents to subscribers to standing the heated political campaign, the busy season, and the fact that during

subscribed. The paper came all right, until about the time the presents were to be awarded, and since then has completely van ished from our view. We have written sev cral times, but cannot get the faintest eche of an an wer. Is this another "stupendour fraud?" Please answer in your next number of the Rurat, and oblige. Enquirer.

It looks as you put it very like a fraud. We have the recomberdations of the students of the students.

do not remember the advertisement and had we discovered it in our columns would cer

At 2 o'clock P. M., Senator Cottey introduced to the audience, as the speaker of the occasion, Col. R. F. Smiley, of carrollton, and in doing so, took occasion to refer to the gentleman as one whose name was almost a household word with the farmers of Missourl, and whose labors and representations in consequence. COL. COLMAN: As one of the curators of Reply: We are really unable to inform

Will Prof. J. W. Sanborn please give the information through the RURAL WORLD?

The Man Wonderful in the House Beautiful An Allegory. Teaching the Principles of Physiology and Hygiene, and the effects of Stimulants and Narcotics. For Home Read-ing. Also adapted as a Reader for High Schools, and as a Text-book for Grammar Intermediate, and District Schools, By Chilion B. Allen, A. M., L.L. B., M. D., and Mary A. Allen, A. B., M. D., Members of the Broome Co. (N. Y.,) Medical Society. 370 pp., 12mo., extra cloth, price \$1.50. New York

tion of Indiana, has been sent us by Mr. W. H. Morris, Indianapolis, Indiana, Within its nore than 700 pages it embraces records of boars from numbers 1907 to 2609, a from 3874 to 5822. This will exhibit to ers of this purely American breed of swine how far their fellow breeders believe in the record, and by the way how much faith they have in the registration even of so prolific an animal as the hog.

-Among the neutral phosphates, Dust holds the first rank. In this form it spreads with great rapidity through the soil. It dissolves in water to a small but receptible extent, without requiring the presence of any other solvent. What dissolves in water under these circumstances is a combination of gela tine with phosphate of lime, which is not decomposed by the arable earth, and therefore enetrates deep in the ground. In the moist ound, however, the gelatine speedily putri fles, being converted into ammonia com pounds, and the phosphate of lime is then re tained by the arable earth.

Bone Dust is the agent best adapted to upply phosphate of lime to the deeper layers f the arable earth.—Liebig's Natural Laws of Husbandry
The above is from a book on Fertilizer

issued by Geo. F. Brunner Mfg. Co., Station A St. Louis, Mo. It may be had free by writing them for it. -The November Harper's will complete

Wm. Black's story of "Judith Shakespeare," with an illustration by Abbey, and bring E. P. Roe's "Nature's Serial Story," with Dielevery county in the State, and I believe man's and Gibson's illustrations, within one the day is not far distant when they will instalment of the conclusion. Mr. Treadwell the day is not far distant when they will be greatly multiplied, especially if Col. Smiley stays in the field.

Our people were disappointed in not hearing from Capt. Thompson of La will be especially rich, including three full-plata, who was also expected. The The page plates. One of them-Van Dyck's man, "Charles the First and Henrietta Maria," engraved by Closson from the original painting
—will be the frontispiece to the Number Some fine art work is promised in Reinhart's illustrations of "Norman Fisher-folk" and in Alfred Parson's studies of plant life in "A Day with Sir Joseph Hooker at Kew," the English botanical gardens, and Gibson's of "Chrysanthemums." A paper on Columbia College, richly illustrated, will continue its J. E. Hall, Halls Park, Lexington, Mo., has 200 head of cattle afflicted with, what he calls, pensive land to the best account.

From W. C. Houston & Co., of Philadelphia, we have the following item in regard to wool in that market:

"The wool market has been quiet throughout September, and present indications and present indications are also as and throughout September, and present indications are also as a september. The wool market has been quiet throughout September, and present indications are also as a september. The second case the machine was set to skim about one gallon of cream to every six gallons of milk. Result, 25 gallons of cream from 145 gallons of milk. Result, 25 gallons of milk. Cream received into three cans, each analyzing as follows:

1st can, 17.474 per cent. fat; 2nd can, 16.229 per least three fields of the magazine, is to skim about one gallon of cream to solve have a paper on Sydney Smith, illustrated. Abbey will also contribute a full-page illustration of Burn's poem, "To a Haggis," Mr. F. D. Millet writes on the recent art competitions, in which he was one of the judges, and the page of the magazine, is to skim about one gallon of cream to severy six gallons of milk. Result, 25 gallons of cream from 145 gallons of milk. Cream received into three cans, each analyzing as follows:

1st can, 17.474 per cent. fat; 2nd can, 16.229 per least fat and the fall with diseased eyes, the historian Francis Parkham on "The least fat and the fall with diseased eyes, the historian Francis Parkham on "The least fat and the fall with diseased eyes, the second of cattle afficted with, what he calls, the English edition of the magazine, is to skim about one gallon of cream trom 145 gallons of milk. Result, 25 gallons of cream from 145 gallons of milk. Cream received into three cans, each analyzing as follows:

1st can, 17.474 per cent. fat; 2nd can, least fat and the fall with disease and the calls, the English edition of the magazine, is to skim about one gallons of cream from 145 gallons of tream from 145 gallons of cream from 145 gallons of cream from 145 gallons of cream from 145 gallons of

more the advertisement on another page, of Mitchell & Sons, 20 South 11th Street, St. Jouls, who will be pleased to answer all enuiries, and give the information desired.

—In the report in lastweek's RURAL WORD. riving—with a difference. Chorus choirs are again coming in fashion. They, however, need a larger proportion of anthems and a smaller one of tunes. He also provides an excellent singing school course, which fills sales, American Shorthorn sales, the same averaged for fourteen years, a list of again coming in assion. They, nowever, need a larger proportion of anthems and a smaller one of tunes. He also provides an excellent singing school course, which fills 100 pages and contains much fine secular music. At the end of the book are a few selections for concerts, onding the 220 pages.

Che Cattle Pard.

Nov. 20th, J. C. Smith, Shorthorns National Stock Yards East St. Louis.

Nov. 20th, Joseph E. Miller, Holstein Cattle National Stock Yards East St. Louis. May 20th, 1885, Powells & Bennett, Indendence, Mo., Shorthorns, May 21st, 1885, W. T. Hearne, Lee's Sum-

Shorthorn and Holstein Sale.

It will be remembered that shortly after the announcement of the holding of the National Cattle Men's Convention in St. Louis on the week commencing Nov. 17th, the RURAL WORLD suggested that it would be a good the American Shorthorn Herd Book is now time for some of our fine stock breeders to ready for delivery. It is strongly bound in worklosuggester that work breeders to make sales of the surplus animals in their herds. This suggestion has been accepted by buttwo breeders, viz., Joseph E. Miller, the importer and breeder of Holstein cattle of Belleville, Ills., and James C. Smith, breeder of Shorthorn cattle of Caledonia, Washington

Co., Mo. These gentlemen will sell, each, about fifty head ofstock. In the case of Mr. Miller, it will be a draft from his herd, the majority of which were imported this year. Mr. Smith will sell his entire hord composed in the main of the well known families of Cleopa-

to be hardy, and reliable breeders.

In Mr. Miller's herd will be found worthy of

MR. EDITOR: In your paper of Jan. 31st, special attention in that the majority of the animals were carefully selected in Holland by his own special agent from the families that had the best milk and butter records. They will be indeed a very select lot of cattle, youngsthings principally now carrying their first calf by his own premium bull.

It was originally intended to make the sale on the St. Louis Fair Grounds, but the parties to the sale discovered that if they employed an auctioneer from outside the city because of his special fitness for making cattle sales, they would be compelled to pay a license to the city of \$500 and \$100 a day for the use of where no such taxes are expected.

Buchanan Bros .. - A Visit to Their Helstein It was our good fortune a few days ago to

make a flying trip to the stock suchanan Bros., of Chicago. The farm is located 32 miles North west of the city on the north bank of Diamond Lake, which is one of nearly 50 beautiful sheets of clear within the borders of Lake Co. Illinois. J. N. Buchanan the senior member of the firm, occupies the main house, the south windows of which over-look the Lake-The house has been tastefully turnished and decorated, and made comfortable and convenient for the entertainment of all who may visit the farm. The farm house and stables stand a short distance further north, and a short distance that an armonia and and are large and commodious. Water is now being introduced into the stables, hence. being introduced into the stables, hence, when cold weather comes, the stock can be cared for, and watered under cover. The feature of the farm which most interested the writer was the stock. The herd of Holsteins now numbers over seventy head of choice, carefully selected, pure American bred and mported animals; we were particularly pleased with the docility of the cattle and especially of the bulls, two of which are kept upon the farm for service. The Duke of Niagara (2030) a young bull of great promise stands at the head of the herd; he is descended direct from the noted milker, Echo 121, die. and is closely related to the roted animals Mahomet (289), Rip Van Winkle (35), Aegis loid food there is a great economy in using (69), Crown Princess (6), and a long chain running back to the first importations. New vantages. Years Day (1968), another service bull was Years Day (1985), another service bulk was dropped January Ist, 1883, and is a large, fine gins in fact to devour itself. It will perfect specimen of the Holstein breed. He weighed at eighteen months of age 1,550 pounds in ordinary flesh. He is a descendant from a family of thrifty, large animals, and bids fair grain; the remainder of it is starch and su to make one of the finest show and breeding gar. There is scarcely any other material in it. It is, therefore, almost, if not totally, amyloid and fat. Animals confined to it will die

Allong the cows and heliers were notice able a number of descendants of some of the best Holsteins ever owned in this country.

head of large, fine imported yearling helfers bred to their bulls, most of which will be offered for sale at auction Nov. 19th, at the Exposition Building, Chicago. These helters Exposition Building, Chicago. These heiters are remarkable for their evenness of size, and markable for their fem will be Bexar county; B. L. Crouch, Frio county. and markings, and any one of them will be a credit to the herd of the lucky purchaser. A umber of calves were also shown the writer nd without wishing to flatter the owners we frankly say they are a credit to them.

Not the least of the attractions to be seen at Diamond Lake is the herd of Percheron Norman horses, about fifty in number, with the Imported horse Lyon at the head. His colts, a number of which the owners are proud to show, are fine specimens of draft animals and should no misfortune overtake them will at four or five years of age make animals worth one's time to look at. Five of them weigh respectively 730, 640, 755, 710, 700 pounds, a combined weight of 3535 pounds.

The proprietors, or their able superintend ant, Mr. Bury, are always pleased to show visitors the stock, and any person will feel well repaid for spending the time necessary to make the trip and seeing for themselves what can be done with good stock properly

handled. As an evidence of the tractability and do ility of the Hoistein, it is in evidence that Mr. Eli Zimmerman, of Hiawatha, Kansas, put his Holstein bull with his own little boy on its back at the head of the procession of thoroughbred cattle at the fair held there a few weeks since.

and helfers cheap should write to M. B. Greensfelder, 115 South Fourth St. His stock is excellent, and will be sold low. Here is an opportunity to make a start with this popular breed without great expense. Two registered heifers will be sold for only five hundred dollars.

American Shorthorn Herd Book.

Onio state Horticultural Society for the years
1883 84, in which are found many essays and addresses and reports of proceedings had by the board, of interest to all horticulturists.

—We have many inquiries about unders.

—We have many inquiries about unders.

—We have have have higher the same of a regular collection of new sacred music and new secular music. For choirs, singing classes and reports of proceedings had by Oliver Ditson & Co. It is some time since the issue of a regular collection of psalm shorthorn Breeders' Association, through Mr. J. S. Johnson, Secretary, 27 Montauk street, Chicago, Ills., the 26th Volume of the American shorthorn Breeders' is in two parts; the first being devoted to bulls numbered

importations during the year, by-laws of the association, list of m mbers and a list of breeders and owners and taken all in all is one of the best volumes ever gotten out by the association and a necessity to every man breeding Shorthorn cattle. It is essentially necessary that every breed-

uld at least possess the later volumes and if possible the whole number for no man can get along without them and avoid spurious or imperfect pedigrees. The annual meeting of the association will

ne off on Wednesday, November 19th, at rand Pacific Hotel at 7:30 P. M., and will be a largely attended and most interest-ing meeting. We know that we but voice the opinion of Shorthorn men generally in urg-ing every one to attend, for the Fat Stock ow will be in full blast and there will be not only lots of Shorthorns but of all other kinds of cattle on exhibition besides sheep, horses and swine.

half-calf, in two parts, and contains some members, \$5.00; to others, \$7.00. By mail, 30 cents extra.

Prices of Volumes To Members. To Others.

The twenty-six volumes A. H. B., including the Re-print of English Bulls....\$72.50 Single volumes A. H. B. (except Vols 25 and 26)...... 3.00 Volumes 25 and 26 A. H. B. 5.00

each 5.00 The ten volumes American Shorthorn Record...... 10.00 Single volumes A. S. H. R... 1.50 The three volumes Ohio

Record..... 2.00 Single volumes Ohio Record, 1.00 Remittances to be made invaria nittances to be made invariably in ad-

"Secretary of American Shorthorn Broad ers' Association," 27 Montauk Block, Chicago Chicago, Sept. 15, 1884.

Nitrogen Starvation-Corn

Another great corn crop will insure the loss of cattle, horses and swine by the abuse of overfeeding and exclusive feeding, because the food is so convenient and cheap to the producers. The abundant use of good si hay and clover and roots with oats, rye and barley in connection with corn will avoid all injurious results. But why is corn so injurius? The question is asked over and over again and the explanation must be made again. From the simple fact that the

here.
An old superstition says that the body of man passes off and is entirely renewed once in seven years. But this is not correct. It is more likely that it is renewed once in seven months or thereabouts. So the learned say, Now, if this be true, what must result from the feeding an animal exclusively upon corn diet which affords literally no bone disease must ensue, big head and breaking bones result and various other diseases. refer readers to a book in common use Physiology and Hygiene, by Huxley Youmans, chapter 6, paragraph There the foods are divided into four oteine, Amyioids, Fats and Minerals oteine contains carbon, hydrogen, oxygen nd nitrogen with sulphur and ph Fats are carbon, hydrogen a

Amyloids are the same but differently com-They are starch, sugar, dextrine and

Proteine are albumen, gluten, fibrine, syr

tonin, caseline, gelatine and chondrin.
There is no absolute necessity for any other
food stuffs than proteine and minerals. If
these are withheld the body must perish because of loss of nitrogen.

An animal begins to starve from the mo ment its vital food consists of pure amyloids or any mixture of them. It suffers from nitrogen starration and sooner or later will But with proper combinations with amy

An animal confined to the auvloid food be-

Corn contains more fat than any other

best Holsteins ever owned in the translation of the Texaleer family, Jaap, and a number of others being represented. A fine, large, yearling heifer, a daughter of Nierop, an 82 pound cow sold by Cary R. Smith, is now in this herd.

The Southern Texas Live Stock Association has appointed the following delegates to the coming St. Louis Cattle Convention to be held in November: E. R. Lane, LaSalle outly, chalirman; J. T. Lyte, Medina county; J. M. Mathis, Victoria county; L. Oge, Thoa. Dewees, Bexar county; T. Unikle H. Seelegson, Galveston county, Richard King, Nuecles county; Geo. W. West, Live Oak county; Jesse Pressnal, Pecos county Jas. Speed, Frio county; Seth Mabry, Mason county; W. S. Carothers, Travis county; G.

. Searight, Zavalla county; John E. Wilson Gonzales county; P. H. Wentworth, Menard county; J. H. Stephens, Gollad county; J. M. Withers, Caldwell county; J. F. Scott, Dimmitt county; M. C. Shiner, LaSaile county; J. T. Camp, Bexar county; J. T. Woodhull, Kinney county.

A Foundationless Rumo

- The recent sensational proclamation of he Governor of Illinois, prohibiting the importation into that State of cattle and swine from New Jersey, is more and more absure and unjust the oftener it is viewed in the light of sense and the facts in the case. urally the Jerseymen are indigrant at such treatment. At the recent State Fair of New Jersey, held at Waverly, the most persistent inquiries failed to confirm the ru through all the southern countries of New Jersey and spreading rapidly." These two reports do great damage and injustice New Jersey farmers, and intelligent and w informed men from all parts of the State er phatically deny and denounce them. There are only a few sporadic cases of pleuro pneumonia in New Jersey from Carpenter's Point to Gape May, and the few cases of hog cholera are strictly confined to a few towns in Gloucester and Burlington counties, where it breaks out every year. Such is the foun dation upon which brainless, conscienceles scribblers with itching paims build false-hoods that end in incalculable injury to the leading interests of a great State! There should be some law to protect farmers and stock growers against the idiotic malice of such licentious scribblers. There should be all desirable freedom of the press, but there should be a limit set to the work of these falsifying abusers of that freedom.

The above from the Orange County (N. Y.) Farmer, justly and emphatically expr the opinion entertained by the best read, thinking, breeders of this country.

That disease exists in almost every kind of domesticated animals in this, and in all other countries, admits of no doubt, and some of these may find their seat in the lungs; but that contagious pleuro-pneumonia is one of them in this country does admit of doubt and a big one at that.

Domesticated stock now-a-days is bred to very high degree of excellen is involved the science both of breeding and of feeding to a much greater extent than we generally suspect. They are now handled with the greatest care and kindness, and again, without the shadow of a shade of either, and such treatment as they are at times subjected to, would make a granite rock sick.

Thoroughbred Cattle.

—An immense sum of money is invested in thoroughbred catile in this country. At the auction sales alone, since January 1, \$1,223,335 has been paid for this class of stock, divided has been paid for this class of stock, divided among the various breeds as follows: 2,335 Shorthorns sold for \$488,183, an average of \$269.55; 1,069 Jerseys sold for \$535,071, an aver-age of \$343,21; 155 Aberdeen-Angus sold for \$54,190, an average of \$350; 142 Galloways sold DEAR SIR: The Twenty-sixth Volume of for \$43,370, an average of \$312; 117 Herei sold for \$45,335, an average of \$386.50; 100 Hol steins sold for \$38,215, an average of \$382.15; half-calf, in two parts, and contains some 1,400 pages and 11,600 pedigrees. Price to members, \$5.00; to others, \$7.00. By mail, 30 cents extra. jority of them disposed of inside of ninety days no reference being made to private transactions, some conception may be had of transactions, some conception may be had of the magnitude of the trade in improving live stock in America.

We have the following information from

ebraska: "The loss by the hog disease in Washington, Burt and Dodge Counties alone will ag-1.50 gregate \$700,000. It is impossible to describe on paper the ravages of the plague. The hog business, which has been the chief industry in Eastern Nebraska, is ruined. Veterinarians now agree that the disease is not cholera.

The lungs in dead animals are always badly inflamed, and there are other signs of pieuro

ver. In answe breeds of doctor: "The He from a Sl The Shortl quarter, w the best s the best ri that when beam at si ford cross cow will s

"How altwo famili riding ove vear, the ewe necks mud or fi not entire since I had more bull raising, a

become p

cattle. Th

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brings an next cros with tag h and look There a First; t Shorthorn years old. the nativ what is n And seco-using bul all "half l is a great will make be held in

for the puttle grower and most ever held the Cheye ists, who l stock rand tendance pose the C per cent favor, whi give for stockmen even from generous ada will gates, wh est of the that full l Louis dur Every sto will be r

Exile, . Clay Co Monito

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du-Chien Clay C the Jerse attention trotting g three min easily run J. C. McF breeding. fast trotte

> Joseph L and pure Mambrin This oug Mambrin of brood trotters. great tro 2.30 but tent train was full record the ter Naiad These da blood sta Their day

M. L. H

flower a ago in C cities wo She was a the parts diminish in bulk. Wear the arm in

the stable, the muscles of the shoulder thrown

no cure no pay.

in the combination.

pens for farm animals, but it appears to be too often lost sight of, and stables for both borses and cattle are too dark for the well-being of the animals. The eyes of horses are not infrequently injured by being kept in dark

stables. Our houses as a rule are much better

they are dark they are usually damp) it will

be a good idea to put in some new windows to

thorn Breed-lock, Chicago

orn. nsure the loss the abuse of ling, because theap to the f good sunned oats, rye and will avoid all orn so injuri-er and over-ust be made at the anima i to the atmos-

the body of enewed once correct. It is learned say, result from ively upon a

no bone? And and break-ther diseases. mmon use— Huxley and raph 167-170. four classe nd Minerals and oxygen

, fibrine, synfor any other minerals. If ust perish be-

ferently com

com the mo-pure amyloids suffers from or later will is with amy omy in using and other ad

yloid food be-It will grows set up forthn any other tarch and su-er material in totally, amy. to it will die

Louis Cattle

Stock Associa g delegates to vention to be Lane, LaSalle Medina coun-inty; L. Oge, Jexar county; D. W. Hinkle, Frio county; nty, Richard J. West, Live ecos county; Mabry, Mason vis county ; G. hn E. Wilson orth, Menard county; J. M. F. Scott, Dim-Salle county; T. Woodhull,

oclamation of biting the imttle and swine more absurd ed in the light ed in the light ise. Very nat-grant at such the Fair of New toost persistent to runnors that the entire there is raging intries of New "These two light and well the State em.

cases of hog a few towns in unties, where onscienceless build falseinjury to the State! There t farmers and tic malice of ere should be ess, but there k of these fal-

try. every kind of s, and in all doubt, and r seat in the ro-pneumonia loes admit of ys is bred to

is invested in ntry. At the ary 1, \$1,223,335 stock, divided follows: 2,335 in average of 5,071, an avergus sold for alloways sold 117 Herefords 386.50; 100 Hol-ge of §382.15; an average of hat this refers and the male to private may be had of mproving live

in Washing-lone will ag-to describe que. The hog hief industry

A Talk with an Eminent Breeder of Short-Horns and Herefords.

-Dr. Owens, of Trinidad, on his return from the great combination Hereford sale at Kan- Mapleton Stock Farm, Duckers P. O., Woodwas met by the Record in the rotunda of the St. James, and was induced to express some positive opinions on the breeds. The doctor nuch more of wealth. Upon the first farm he as a palatial residence, where with his fam. awarded at the St. Louis Fair. has a palathal residence, where with his fam.
lly, he spends the summer months, and in
winter in the future, he will reside in Den-

In answer to our inquiry as to the best eds of cattle for these plains, said the

clusion that the prize bullock for the sham-bles will be a Hereford Shorthorn, a steer bles will be a Hereford Shorthorn, a steer from a Shorthorn cow by a Hereford bull. The Shorthorn is a trifle the beat in the hind quarter, while the Hereford has by all olds the best shoulder and brisket, and a little the best rib. The cross I speak of combines that when four years old should tip the scale beam at sixteen hundred pounds. The Hereford crossed on the thoroughbred Shorthorn cow will show some red roan spots in the face, but crossed on an out and out native—

storms, and have but little beside frosted herbage to subsist upon. They go through the winter in poor condition in consequence. This is bad treatment, and its effect upon the quarter, while the Hereford has by all olds the best shoulder and brisket, and a little the best rib. The cross I speak of combines that when four years old should tip the scale beam at sixteen hundred pounds. The Hereford crossed on the thoroughbred Shorthorn cow will show some red roan spots in the face, but crossed on an out and out native—

The substitute beside frosted herbage to subsist upon. They go through the winter in poor condition in consequence. This is bad treatment, and its effect upon the mare is injurious, as well as upon the off-spring she carries. There is a heavy draft upon the system to sustain the coltshe bears. With poor food and exposure her young suff-ters, for she has not enough food to sater Marc. He is very large and rangy, but has as you may suppose, a star foot, small and hard. The frog sardyse what course to pursue with his feet. Answer—Have your colt's feet examined carefully every four weeks. All colts' feet sustain herself and that also. The result is a stunted colt and the mare so treated, if she have strength to her colt is stunted colt and the mare so treated, if she have strength to her colt is some and in the substitute beside frosted in the sate where for the good and exposure her young sufficient the substitute beside frosted in the sate of the substitute of a Star Marc.

I have a yearling colt out of a Star Marc.

I have a yearl

more bulls upon the range except my own raising, and they will be half-bred-Hereford-

"It is my impression," continued the gentleman, "that the Polled-Angus will never become popular in breeding up our plains cattle. The first cross from a thoroughbred brings a nice black hornless animal, but the next cross out brings out a brindle fellow with tag horns that swing and flap in the wind and look mean."-Denver Live Stock Jour

First; the cross of the Hereford on the Shorthorn should make 1600 lbs. at three years old. The Shorthorn will do this on the native without any Hereford help, and what is more, make more and better beef.

The best book on feeding and training trother will be should be some coits to train of the frog are then removed with the drawling kinfe not by paring it at all or much cutting, but more by raising the flakes with the left thumb and finger and detaching them with the first one, the bearing surface of the frog are then removed with the drawling to shift the surface of the frog are then removed with the drawling to shift the surface of the frog are then removed with the drawling to shift the surface of the frog are then removed with the drawling to shift the surface of the frog are then removed with the drawling the part of the frog are then removed with the drawling the surface of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the frog are then removed with the drawling the flat all of the flat al



dam was by American Clay. This is royal breeding. Clay Cuyler ought not only to be a change of the stricter but a getter of fast trotters.

M. L. Harr, of Indianapolis, Ind., attended the gray mare Zophy; which is a stricter but to make a great brook is at week, and the stricters of the stricte

and there got crippled in the stable, and Mr. McHatton, then of that city, bought her and cough and droppings almost coal black in color. The universal custom of Nebraska hog-rai ers is to turn their swine into the cattle yards and make them pick their food out of the filth. It is thought that this imports of city in the cattle yards and make them pick their food out of the filth. It is thought that this imports or clean pastures, and fed liberally on suitable food are not affected."

We call attention to the last paragraph for the purpose of inviting the attention of readers to the fact that such a practice is enough to breed any kind of death-dealing disease in any and every kind of stock; and she was the purest trotting gail one of ten saw would act to the fact that such a practice is enough to breed any kind of death-dealing disease in any and every kind of stock; and will sease in any and every kind of stock; and the stock is any particle of the fact that the horse is organized with succeptibilities like the same will be any the the foot In addition to the symptoms and there got crippled in the stable, and Mr. judgment to make fast trotters. Some horses

E. W. Avres, Duckers, Kv.

One of the new exhibitors of horses at the St. Louis Fair, this year, was E. W. Ayres, of the great combination dereford sale at Kansas City, tarried for a day in Denver. He sas City, tarried for a day in Denver. He ford Co., Ky. Mr. Ayres brought with him a floorington, \$475.

Cardiff, 2-year-old Lexington, III., \$600. form, style and speed. They are out of well is one of the wealthiest cattlemen in the west, bred brood mares, and any one wanting ington, \$1,000. and has many of the most valuable animals. At his "Hereford Farm," south of the Raton mountains, just over in the confines of New Mexico, he has large enclosures where he breeds Skorthorns, Herefords and thoroughbred horses. At this model breeding estab-bred horses. At this model breeding estab-lishment he has probably invested a hundred and fifty or two hundred thousand dollars. Then again out upon the "staked Plains," and along the borders of Texas he has large herds of range cattle, that represent twice as him will find all his statements correct. He

Feed the Brood Mares Well.

Many farmers think after they are through vorking the brood mares in the fall, that hey can be turned out to shift for them elves, and that they need no care, and but title beside frosted arbage to subsist upon. They go through the winter in processor in processor in processor.

Teach of 2-year-old stallion, E. R. Pratt, Cambridge, III., \$1,160.

Itako, 5-year-old stallion, Harvey Kord, it fried promiseously, find others on which he also excels, though some crosses will give far better average results than others. Perhaps the race-horse Lexington his county, \$1,310.

A. POTTER, Columbus, Mo., breeder of Shorthorn cattle, Southdown and Cotsmother of the constant of the profit of Shorthorn cattle, Southdown and Cotsmother working the brood mares in the fall, that they can be turned out to shift for themselves, and that they need no care, and but little food. They are left exposed to the storms, and have but little beside frosted

Louis Fair, last week, I had ten Percheron should take each foot forward upon his knee horses, of which I had eight entered for pre- and having seen exactly how much hoof is miums, and took the following ribbons: 1st, on mares under two years; 2nd, on mares 2 and under 3 years; 2nd, on mares 3 and under 4 years; 2nd, on stallions under 2 years old. placing the foot between the legs, remove Respectfully, W. J. MILLER. the exfoliated sole, and detaching parts of

COL. COLMAN: Will you please tell me of J. D. WASHINGTON.

ing & Co., of this city, to-day sold at public auction thirteen imported Norman borses, twelve of which were stallions. The sale aggregated \$12,695 Following were the sales: Cormort, 2 year-old stallion, to David E. Smith, of Bloomington, for \$1,225.

Denmark, 3-year-old stallion, S. C. Webb, Bloomington, \$475. Cardiff, 2-year-old stallion, W. H. Kelly,

Itself to these structures that it incloses and protects. A foot thrown out of use decreases in size. Nature has given certain structures for certain uses. If these uses are avoided, Rico, 2-year-old stallion, Griffin Bros., Arm-

Voscoe, a 3-year-old stallion, T. C. Jenkins, Normal, \$1,020. Santas, 2-year-old stallion. James Davis,

Eureka, Ill., \$900. Prospero, 5-year-old stallion, John Perry, Bloomington, \$1,155. Modone, 2-year stallion, C. Muts, Hudson,

Ill., \$1,040. Monaco, 5 year stallion, A. Kambow, Knoxville, Ill., \$1,010.

she have strength to give birth to her colt is so port that she can give but little milk after its birth. Brood mares should be liberally fed with the best of food—notto get them unduly fat—but to keep them strong and vigorous, so they may bear vigorous off spring, and be in condition to give them ample nour is an anter which should receive year, the cows that I fine dead and mire in sloughs are invariably the finest animals of my herd, those with the little thin horns and ewe necks. I soldom see a white face in the mud or furnishing food for crows. This is not entirely an honest test, I will admit, since I have more numbers of the Shorthorns than of the Herefords on the range."

"I intend," said the doctor, "to turn no more bulls upon the range except my own Premiums on Percherons.

Of growth in the foot from whatever cause should receive prompt attention. In attending to the feet of the colt the shoeing smith to be removed and from what parts, take the rasp and pare it vertically, so as to take off the outer edge to the extent required; then, Turkey Hill Farm, Belleville, III., Oct. 17, 84.

Training Trotting Horses.

the frog—the first by means of the buffer, raising the loose flakes of horn from the front backwards by tapping the root with the hammer. The superfluous exfoliations of the frog are then removed with the drawing

what is more, make more and better beef And second; when the doctor talks about using bulls, in the last paragraph but one, all "half bred flereford Shorthorns." Here is no book published, that will make money whilst the other lose it. See only a pure bred bull.

—A national convention of steckmen is to be held in St. Louis on the 17th of November of cache quarter from belland forward being growers association. It will be the largest and most significant gathering of its kind over a been will make most significant gathering of its kind over the purpose of organizing a national cattle growers; association, it will be the largest and most significant gathering of its kind over the purpose of organizing a national cattle growers; association, it will be the largest and most significant gathering of its kind over the purpose of organizing a national cattle growers; association, it will be the largest and most significant gathering of its kind over the purpose of organizing a national cattle growers; association, it will be the largest and most significant gathering of its kind when the purpose of organizing a national cattle growers; association, it will be the largest part of the total formation relating to the breeding, feeding and training the trotting horse in every volume of the Rural Woll, the name as well as the purpose of organizing a national cattle growers; association, it will be the largest part of the total formation relating to the breeding, feeding and training the trotting horse in every volume of the Rural Woll, the name as well as the stock ranches of this country, will be in the stock ranches of this country, will be in the stock ranches of this country, will be in the growers as well be of practical value to the purpose. A custralian stock ranches of this country, will be in the grower of which purpose. Hower work is the purpose of the formation relating to the purpose. However, and the purpose of organizing the purpose of the purpose of the relation of the purpose of the relation of the purpose -Judicious road work, when a horse is the knife. This done, the bearing surface of

The thirty-fourth Wilkes to drop into the gate, which seems to indeed the work of the work

-The Horseshoer tells how to fit a shoe to cupboards, the cellars, in cities, in which

Contraction of the hoof is certainly not a Contraction of the hoof is certainly not a cause, but is invariably the effect of navicular disease. It is the result of an atrophy, or wasting of the soft, sensitive structures contained within the hoorny box, consequent on their diminished activity, the horn adapting leaft to the sensitive structures that it incloses a suggest a remedy that will soon relieve you of all pain and quickly heal the wound; teasify the difference of the soft suggests. Ask for PERRY DAVIS' PAIN-

BREEDERS' DIRECTORY.

a sling for any length of time, the muscles shrink and the hand withers. So with the horse's foot, when the weight is taken off it HEREFORD AND ABERDEEN ANGUS CATTLE—Gudgell & Simpson, importers and breeders, Independence, Mo. An inspec-tion of their herds is invited. as much as possible in motion, and also in

the stable, the muscles of the shoulder thrown much out of use, waste, and in the foot, the quarters draw in, the heels narrow, the frog hardens and decreases in size, etc., and the sole thickness and helders are the stable.

best on the daughters of Giencoe, but he also got many splendid racers from the daughters of Albion and of Yorkshire, Vandal was greatest with the daughters of Margrave, where Lexington failed. In trotters, the white of the control blood of Rysdyk's Hambletonian made its first great hit upon the daughters of American Star. Afterwards it gave great results with the Clay cross, and later on with that of Pilot Jr. With Mambrino Chief blood, it has hit remarkably through the hyperses of Clark Jr., bear dath he had.

markably through the branches of Clark Chief and of Dolly (Thorndale's dam), but otherwise, considering the vast scale upon which it has been tried, its brilliant results are few, and when discovered can usually be attributed with better reason to other nicks in the combination.

CHENAULT TODD, Fayette, Mo., breeder of Shorthorn Cattle, Sharon-Geneva 53872 and Abram Duke of Sharon at head of herd.

and dismal? "It is pleasant to behold the sun." There is no crueller punishment than to be immured in a dark duageon. This should be thought of when arranging stables and pens for farm animals, but it appears to be

HOLSTEIN CATTLE. GUS. HEAD, Alton Junction, Ill., breeder of Holstein Cattle, Poland China Hogs, Bronze Turkeys, Langshan and Plymouth Rock Fowls and Collie Bogs. Eggs and Chicks in season.

H. B. SCOTT, Sedalia, Mo., breeder of Short shire and Cotswold sheep—anything in the herd for sale. Send for catalogue.

lighted than our stables, yet we all know how uncomfortable it is to go out of a well lighted house into the glare of sunlight if there is snow on the ground. The effect is even worse JERSEY CATTLE, highly and fashionaby
Jored and the best butter families. But
it for service and bull cuives correlated as
sonable prices. Premium herd St. Louis Fair
1883. Seven first premiums, including aged
Cow, three-year old Cow, two-year old Bull,
Sweepstakes on Cows, Herd premiums, cit.
Animals properly shipped and delivered at
depot in St. Louis. H. W. Douglass, Pevely,
Jefferson Co. Mo. on our h rses and cows which are generally kept in much darker places than we are our-selves. Aside from any special effect on the eyes, light and sunshine in stables are of vast importance to the general health and thrift of

farm stock, and they should always be constructed with a view to admitting as much as possible of both. In old barns and stables where the stock quarters are dark (and where

N. P. BLOCK, Aberdeen Farm, Pike Uo., P. BLOCK, Aberdeen Farm, Pike Uo., Dreeder of pure and high-bred Percherons by imported Napoleon Bonaparte and Bismarck, Champion Almack Trotters, pure Jerseys, grade Jerseys (milk cows), white Yorkshire and Berkshire pigs. Send for catalogue. Address Prairiesville or Louislana, Mo. admit light and sunshine into them. The present is a good time to attend to this, and the considerate person will see to it.

AUCTION, NOVEMBER 19th, 1884.

BUCHANAN BROS., 184 Dearbon Street, Chicago, will offer at the Fat Stock Stand, Exposition Building, Chicago, a fine herd of imported and American bred

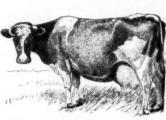
Holstein Cattle.



This is not a sale of poor stock, or culls, but many were first choice out of an importation of Seventy head, and all the yearlings and two year old helfers are bred to calves early nextlspring to one of the fine bulls, Duke of Niagara (2030) or New Year's Days (1968). If you attend this sale you will buy, and any animal you may select will not fail to be a credit to the herd you may be pleased to place it in..

For Catalogue write to office.

HOLSTEIN CATTLE.



More than 1750 Holsteins imported and bred by this firm. 600 now on hand and in quarantine. All of choice quality and breeding. Nearly all the deep-milking families of America represented. Over 30 yearly records made by cows in this herd, which average 14,212 lbs., 15 ozs. per year, at an average age of 4 1-2 years. In 1881 our entire herd of mature cows averaged 14,164 lbs., 15 ozs. In 1882 our entire herd of eight 3-year-olds averaged 12,388 lbs., 9 ozs. On April 1st, 1884, ten cows in this herd had made records from 14,000 to 18,000 lbs. each, the average being 15,608 lbs., 6 the herd that we had owned long enough to More than 1750 Holsteins imported and

lbs. each, the average being 15,608 lbs., 6
3-10 ozs., which included every mature cow in the herd that we had owned long enough to
make a year's record, excepting one kept for family use. We milked through the year ending in June last five mature cows, the entire lot averaging 15,621 lbs., 12 5 ozs. Seven helfers
of the Netherland family, five of them 2 years old and two 3 years-old, averaged 11,556 lbs.,
12 5 ozs. Not one of these records has ever been equaled, with an equal number
of cows, by any herd.

BUTTER RECORDS.—9 cows average 17 lbs., 51 2 ozs. per week. 8 helfers 3 years old aver age
31 lbs., 43 - 40 zs. per week. 11 helfers 2 year-olds and younger averaged 10 lbs., 8 ozs. per
week. The entire original imported Netherland Family of seven helfers of one family, five
of them two year olds and two three year olds, averaged 11,346 lbs. 10 5 oz per week. "The
last is a family record." The above records are a sufficient guarantee of superiority.—
This is the class of cattle with which, to found a herd. START RIGHT. See for
yourself before buying. Prices reasonable. Send for catalogue and examine pedigrees.

SMITHM & POWELL**,
Lakeside Stock Farm, Syracuse, N. Y.

JOINT PUBLICSALE OF Shorthorn & Holstein Cattle. 50 Head-The Entire Shorthorns of Caledonia Stock Farm, Cows, Heifers, and Bulls, at

National Stock Yards, East St. Louis. THURSDAY, NOV. 20, 1884.

Families represented: Cleopatra's, Lady Elizabeth's, and other good ones; also high grades. The Cleopatra bull, Duke of the Valley, by Bolivar S181, dam Nanny Kirk 7th, (8 gal. cow with first calf on grass alone). Every cow old enough is an approved breeder, and all to be sold are accustomed to out door life—both in summer and winter and most of them are sired by the son of the eight gallon cow. At the same time and place

50 HEAD OF HOLSTEINS,

Mostly of this year's importation, and mainly young cows.

The Shorthorns are the property of JAMES C. SMITH, Caledonia, Mo.

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100 HEAD NOW in Quarantine A choice lot lately purchased in North Hol-nd: landed in New York March 90th 100 HEAD NOW at Cedarside Farm.

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We have no fancy prices on our stock. Call and beconvinced, or write. Car load of choice grades at a bargain.

TAYLOR BROS.

FOR SALE.

Gussie G., registered Jersey Heifer, No. 22608, sire, Confidante No. 4590, Dam. Rose Gerandam, No. 6328, Dropped Aug. 21,1838, Light fawn, inne escutcheon and udder, and rich with the blood of Plenty, No. 950, Capt. Turner's celebrated cow, who made is 10s. 8 oz. butter in 7 days. Price, \$165.00.

Famile, not registered Jersey, Dropped Jan. 3, 1884, solid Fawn, fine escutcheon and udder, Dam's milk registers 20 per cent cream, Grand Dam, Jane, imported by J. O'Fallon, Grand Sire, Duke of Normilk registers 20 per cent cream, Grand Dam, Jane, imported by J. O'Fallon, Grand Sire, Duke of Normilk registers 20 per cent cream, Grand Dam, Jane, imported by J. O'Fallon, Grand Sire, Duke of Normilk registers 20 per cent cream, Grand Dam, Jane, imported by J. O'Fallon, Grand Sire, Duke of Normilk registers 20 per cent cream, Grand Dam, Jane, imported by J. O'Fallon, Grand Sire, Duke of Normilk registers 20 per cent cream, Grand Dam, Jane, imported by J. 1884, Sire, Genl. Dausman's registered Jersey, Dam: Full grade, fine milking cow. Price, \$35.00.

Millle, not registered Jersey, 7 years old, Light fawn, rich lu mw. 1900 by 100 Hatchinson, calved Ang. 1, 1884, and sired by registered Condante, 4390. Price, \$35.00.

Regina, dropped Ang. 1, 1884, Dam, Millle, Sire, Col. Coleman's bull, promises well. Price, \$30.00.

Stock is on my farm on the Olive St. road, ten miles from St. L. M. B., GREENNFELDER, 115 South Fourth Street, St. Louis, Mo.

the State em-them. There es of pleuro-n Carpenter's

ounty (N.Y.) he best read,

nce in which breeding and xtent than we now handled indness, and f a shade of s they are at ke a granite

mation from

not cholera. always badly

Che Kome Circle.

"If I'd mothing to do," said Farmer John,
"To fret and bother me—
Were I but rid of this mountain of work, What a good man I could be!

The pigs get out, and the cows get in Where they have no right to be, nd the weeds in the garden and the corn-Why, they fairly frighten me!

'It worries me out of my temper quite And well nigh out of my head; What a curse it is that man must toil Like this for his daily bread!"

But Farmer John, he broke his leg, And was kept for many a week A helpless and an idle man Was he therefore mild and meek?

May; what with the pain and what; with the Of sitting with nothing to do

And the farm work botched by a shiftless hand-

He got very cross and blue;

He scolded the children and cuffed the dog That fawned about his knee; And snarled at his wife, though she was kind Andp tient as wife could be.

He grumbled, and whined, and fretted, and fumed. The whole of the long day through 'Twill ruin me quite," cried Farmer John, To sit here with nothing to do!"

His hurt got well, and he went to work, And a busier man than he,

L happier man or a pleasanter man, You never would wish to see. The pigs got out, and he drove them back, Whistling right merrily:

He monded the fence and kent the cows

Weeding the garden was first-rate fun, And ditto hoeing the corn; I'm happier far," said Farmer John, "Than I've been since I was born."

He learned a lesson that lasts bim well-'Twill last him his whole life through; He frete but seldom, and never because He has plenty of work to do.

* Pilocilyon what," says Farmer John, 1888 They are either knaves or fools Who long to be idle-for idle hands are the devil's chosen tools.'

BY ELLA WHERLER At seemeth such a little way to me

Across to that strange country, the Be

And yet not strange-for it has grown to be The home of those of whom I am so fond; They make it seem familiar and most dear, As journeying friends bring distant countries

So close it lies, that, when my sight is clear, I think I see the gleaming strand; know I feel that those who've gone from

Come near enough to touch my hand. I often think, but for our veiled eyes, We should find heaven right 'round about us

When from this dear earth I shall journey

To that still dearer country of the dead. ve this world; vet shall I love to g

And meet the friends who wait for me,

But that I think, "One more to welcome me When I shall cross the intervening space Between this land and that one over there
One more to make the strange Beyond seen

And so to me there is no sting to death and so the grave has lost its victory; it is but crossing, with abated breath, And white, set face, a little strip of sea; To find the loved ones waiting on the shore More beautiful, more precious than before.

but two in the Home Circle, and they both being men, I thought you might want to see some girl's head poked in at the door this week, so I have come. I am indeed sorry to see so many of our old writers failing to appear in the looked after the lad who had been called to another part of the orchard.

Inst thing I knew, Koo's strawoerries, currant and gooseberries and raspberries my boy! No one of us like that, but ought not each of us to take a part of it? Or should papa or mamma and Bridget do all the tiresome picking up and fixing up, while Jamie only enjoys it?

Jamie put two warm arms around his mother's neck: "Mamma, you are great to gain it. An., who had been called to another part of the orchard. Circle.

Dear Editor, can you tell what the

magnetic attraction was to draw Fred and Charlie back? I am so glad to see them come after so long an absence. They seem to be the same dear, jolly good friends as of old.

Thank you for your kind words, "Charlie; I value them highly I assure you. I find all are not turning against you. I find all are not turning against early apples. All fruits grew and fruited

you. I find all are not turning against me. You and my other friend, Oneda, are not. (I mean if you will allow me to call you friend.) You seem to remember that ugly name, Mary Glendolen.

I am glad to know I am not forgotten; for its neasant to know we are remembers.

for 'tis pleasant to know we are remem-

Oneda, why have you forsaken the

The above comes to us tied so prettilly with sky blue ribbon, that we cannot consent to let it pass unnoticed. Many eff the writers for the Home Circle have been compelled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to avoid its columns because of the unseenly and uncalled to be what its designation of the presence of the unseenly and uncalled to be what its designation of the presence of the unseenly and uncalled to be what its designation of the presence of the unseenly and uncalled to be what its designation of the presence of the unseenly and uncalled to the presence of the unseenly and uncalled to the presence of the unseenly and uncalled to the presence of the unseenly and uncalled the presence of the presence of the presence of the three the three of the teres of the teres of the teres of the presence of the teres of the three of the teres of th

Coming to the Front.

"Come to the front. Dan. This ncouraging invitation is likely to make one feel as though he was going to be one feel as though he was going to be elected President of the Home Circle de-partment. And if I am elected President I will certainly take my place at the head of the happy band of friends who have made the "Home Circle" page so in-teresting. And make it the duty of each member to write to us at least once a

I am thinking that if we do not write oftener, that the advertisements, apiary, notes, etc., will have full possession of our Earnest, I too, am a wanderer. I left

Earnest, I too, am a wanderer. I left my home in East Tennessee, at the age of 19 against the will of a pious father, and dear loving mother; came to Ar-kansas, and after I had been here six mouths, I took sick. Then it was that I mouths, I took sick. Then it was that I began to real'ze what it was to have a home. For seven long weeks I lay help-less, and in the midst of strangers in my dreams I could see my dear mother bending over the bedside of her sick child, but only to wake and see the face of a careless stranger who would have been absent also, had it not been for the wages he received. Oh, how gladly would I have welcomed death, if I could only have seen my darling mother in reality! Jennie K. I did not mean to offend you.

I won't say it any more, come back to the Circle and let us be friends, and if

the Circle and let us be friends, and if we get along all right, I may overcome my bashfulness and propose to some one yet. I am your g, and if I live to be old, there is plenty of time.

Oneda, I knew you were not a school teacher, or I might not have said what I did, if you had been a teacher; you surely could not have kept it to yourself. If you pird is still sick give him some did, if your surely could not have kept it to yoursen. If your bird is still sick, give him some blackberry wire it will surely help him. I gave some to one of my birds that was sick, and next day it was singing as DAN. Fayetteville, Ark.

Rob's Fruit Farm.

Like an oasis in a desert, so Rob's fruit farm looked to me when I first saw it one noonday in summer, near the

Great fields of corn and plentiful harereat fields of corn and plentful har-vests of wheat I had seen until the eye tired of them, but this—Rob's fruit farm —was a rare sight in the new prairie settlement. "Yes," said my guide, "this farm at-

tracts the attention of everybody; it's the work of a boy. If it was not for Rob's fruit his folks would be badly off, as his father's shiftless. But we'll lariat the the East, too."

Rob's mother was a brisk,

little woman who had her hands full caring for her large family of boys.

Rob, came in to welcome us, a slim. active boy of not more than fifteen.
"Will you walk out and see Rob's orchards and berry patches?" asked the
mother, as Rob respectfully led the way.
These flowers and small fruits of

flowers, and small fruits all about the yard, and these were luxuries Never did orchards and fruits delight the as these. Great russet pears, blood-Never did orenards and fruits defight me as these. Great russet pears, blood-red and pink-cheeked peaches, apples yellow, red and striped, glowed like bright jewels through the green foliage. "There isn't another like it in all this

country," said the father, who had fol-When Rob was a little boy of seven he had a great desire to plant things, and when we made up our minds to come and when we made up our minus.

West, he began to save up seeds of flowers and fruits. Why, he had a flour sack

filled, and many a fine cherry, peach and apricot stone went into that bag. and the neighbors all helped him fill it. must say it bothered me at the time, an' I says what's the good o' such foolishness? Those who planted fruit trees, especially cherry, plum, and peach stones, will not live to see them bear. But Rol will not live to see them bear. But Rob hung on to his seed and slips through thick and thin. It was early spring when we got here, an' things looked pretty blue for a poor man with a big family an' no money, an' unbroken prairie isn't the most encouragin' sight in the world under such circumstances. n the world under such circumstances I managed to break the sod and paid no attention to Rob's plantin' and 'diggin' and tendin'. I had all I could do to keep Home Once Again.

DEAR CIRCLE: Last week there were not two in the Home Circle, and they in the Home Circle, and they are the Home Circle, and the Home Circle, and they are the Home Circle, and the Home Circle, and they are the Home Circle, and the Hom

> to another part of the orchard. We had dinner under the shade of those trees, and only those in a new and

strong-armed women were canning and stirring into marmalade peaches and early apples. All fruits grew and fruited abundantly in the rich soil.

"One has only to give them half a chance to grow, for it's a grand country for fruit," said Rob.

From a desire "to plant things" great good came to an impoverished family

why have you forsaken the e? why don't you come? After g me to be your friend, and I promto be such, I think you might come, and I is ever so much to have your ss. I should like to write you a te letter, if you will honor me with good came to an impoverished family. When the little Rob planted his bread

address. I should like to write you a private letter, if you will honor me with such.

I wish some magnetic power would draw Lloyd, Frank, Will Fawley, and all the old writers back, as it has done Fred and Charlie.

The Circle looks so lonesome without more, both men and women, boys and more, both men and women, boys and more, both men and women, boys and more without uplifting others less strong than themselves.

One peculiarity of all prairie orchards is that the trees lean in the same direction, and more, both men and women, boys and more without uplifting others less strong than themselves.

The Circle looks so lonesome without more, both men and women, boys and ziris. Why don't they come?
Hoping I may see more old writers mext week, I bid you farewell.

MARY GLENDOLEN.
The above comes to us tied so prettily with sky blue ribbon, that we cannot consent to let it pass unnoticed. Many of the writers for the Home Circle have been compelled to avoid its columns believed to the trees in the old home.—Ella Guern-been compelled to avoid its columns believed the trees in the class of the trees lean direction, and direction, and the same direction, and the stomach becomes used the trees are not in the same direction, and the stomach becomes used to it. The taking of an excessive amount of food leads not only to disturbances of them, the prairie wind would soon blow disestion, but also injury to the power of absorption, and this may become a serious matter.

Mary GLENDOLEN.
The above comes to us tied so prettily with sky blue ribbon, that we cannot consent to let it pass unnoticed. Many of the writers for the Home Circle have been compelled to avoid its columns believe the trees lean the trees lean direction, and direction, and if you do not demoralize them by do not leading in the stomach becomes used to it. The taking of an excessive amount of food leads not only to disturbances of absorption, and this may become a serious matter.

Moderation in eating and drinking absorption, and this may become a serious matter.

Moderation in eating and drinking absorption, and this may become a serious matter.

Mage—This is my experience precisely. Do not let a drop fall around on the premises anywhere to call them.

Hall—Do you put your bees in the cellar once.

The above comes to us tied so prettily with sky blue ribbon, that we cannot see how old make glad many who loved the trees in the old home.—Ella Guern-been compelled to avoid its columns be-in the same direction, and this may become a serious matter.

Mage Theorem Power of the Home Circle have such the stomach becomes used to it. The taking of an excessive amo

It is but a trifle to resist the first temptation—trifles though they be they lead to tremendous consequences for good or ill. The first false step is a short one, but, alas! how soon it leads to long strides in guilt. The first theft—colly graphy and but we have readily to the first theft only a small su n, but gradually the stealings swell into thousands. The first speculation how innocent it seemed, out, it led on step by step until honor was sacrificed, trust funds despoiled, amilies rendered penniless, and the end i felon's cell or a suicide's grave.

It is a little thing to say no, but is is final salvation to many. No to the first offer of a glass of liquor; no to the temponer of a glass of induor; no to the temp-tation to lie, cheat and defraud; no to the suggestion to speculate with trust funds; no to the hand that would soil your palm with bribes. Little things make up the sum of every day life. Great opportunities and great events seldom

Details create the life history which is n distress and trouble, and to express sympathy with the unfortunate. Words spoken in tenderness save many a soul om despair and many a life from guilt

small act, but a very important one. Men are measured not so much for what they promise as for what they perform. A protested note and a protested promise like cast discredit; they are not mer-hantable in business. The man whose

Truth telling and honesty are twins, and seldom exist apart. Dishonesty and lying are in close communion, and plot ogether their deceptive schemes. From

mall beginnings, there originate gigan-tic frauds whose effects startle and par-alyze the business of a continent. It seems a small thing to live an up-right life for a single day, but as the day thus lived multiplies into other days, weeks, months and years, how grandly that life unfolds, matures and slowly sinks to rest. Never despise the day of small things, for duty therein well performed, is duty nobly done.—American

How Jamie Hated Order.

When Jamie came rushing in from play to supper, his mother was obliged to speak to him about hanging up his hat; and when his hunger was satisfied and left the table, she said: "Jamie, do and stop here a bit; Rob's from not leave your napkin like that! Fold it and put it in the ring. Has a boy no ense of Order?"

"No, mamma," said Jamie doing a his mother told him, "I hate order! It is "Some people might say it was disor-der that is always interfering. For in-

stance, had you folded your napkin at the right time, you wouldn't have had to come back to do it. I guess you love orcome back to do it. I guess you love or der as well as I, if the truth were known,

said Mrs. Wright:
"No, mamma, I'm sorry, but I hate
order. What I love is to fly a kite, or
make a boat and sail it on the pond; and when it is dark I love to come in and when it is dark I love to come in and see you, and eat supper of berries and mitk and doughnuts. But I hate to be always folding or hanging up something."

In emphasizing his views, Jamie jerked the toble cloth to that the baby's tray

went clattering to the floor. Then there were more things to pick up.
"Still," said Mrs. Wright "There are

ome kinds of order which you like."
"I am afraid not, mamma."
"When you play out doors until the last minute, and you come in as the clock strikes one, then you do mind dinner being in order?

Jamie smiled and looked sober "Yesterday when Uncle Charles came to take you to ride, if you could be ready in five minutes—Uncle is so elegent then were you sorry to see clean collar, necktie, gloves, hat, all ready to lay your hand on them?"

"Would you like to go to school with holes in your jacket? Do you hate, when you go to bed tired, to find a bed made up comfortable?"

"Mamma, what do you mean?" "That it is not order which you hate but the trouble necessary to gain it. Ah, my boy! No one of us like that, but

for explaining things, aren't you?

-When a young man eats with mod- for winter? eration as to quantity of food, the per cent. of absorbed nutriment is greater than when he eats to excess. The consumption of immoderately large quanti-ties of food is irrational for this reason alone; but, aside from the greater loss, there is a positive injury to the stomach by distending it beyond a proper limit. The feeling of satisfaction is also greatest after a moderate meal. We know full well that persons who have been acceptomed to over-est have a sensation. full well that persons who have been accustomed to over-eat have a sensation of emptiness when they take only small quanties of aliment. Disturbances of digestion are also sure to follow excessive eating. It has been observed in the German army that the young peasants from a region of country where they have lived largely on potatoes and been obliged to eat large quantities, suffer from emptiness when they become soldiers and are fed on a more concentrated diet. The sensation of fullness is absent until the stomach becomes used to it. The taking of an excessive amount of food leads not only to disturbances of digestion, but also injury to the power of

Che Apiary.

Lake Shore N. Y. Apiary Bee Keepers' Asso-Subject :- The best method of winter

The meeting at Brocton was meagerly attended, in single file by the members of the association, but was conducted throughout the session with the usual en-thusiastic spirit and energy which char-acterizes the leading members of this or-

ganization.
Mr. H. D. Gage of Forestville was present and gave much valuable information

mr. II. D. Gago.

mr. Mr. Gago.

mr. II. D. Gago.

mr. Mr. Gago.

mr. II. D. Gago.

mr. Mr. Mr. Mr. Mr. Mr. Mr.

superiors in apjaristical culture.

Dodge—The bee keeper's occupation is of such a character that in order to succeed one must be a great lover of nature in all of her beautiful works. Next to the creation of man by the Influite. I would place the humble, untiring, ever busy bee on a parallel of importance with any material coexistent with natural laws. If the ant can teach the sluggard a very important lesson about industry, the humble bee can give object insect is liable to get tangled therein, and lessons of far more importance in this eventual terms of the formula of the company of the c essons of far more importance in this lessons of far more importance in this direction, beside remunerating man one hundred fold ratio profit in all painstaking labor in its behalf. Then the question is before this meeting, how best to protect this faithful servant of ours from the inclemency of the weather in our severe cold winters. I want information from others upon this subject, for I must confess that I do not consider myself an expert in the fullest sense in this very important branch of bee keeping. I consider one of the first necessary adjuncts to winter safely is to see that they are supplied with the requisite amount of food. Some advocate upper ventilation and some lower and some none at all, etc. Instead of having a definite plan of packing, ventilating and storage, each one seems to have a modus operandi of his susceptible. I find only two puzzling problems in the whole matter, viz: lst, To winter successfully 2d. To know to dispose of my extracted honey. I can produce 4 lbs. extracted honey agood plan to bottle our honey and sell at home market.

Fay—If I can get bees through winter and they make the honey I can dispose of it. I find more trouble in spring of it. I find more trouble in spring to the wind and weather in one of the bleakest places on the Lake Shore. But mind you he always packs carefully. He uses the Quimby hive. Has modeled it somewhat after his views of a practical hive.

Dodge—I had rather have a thrifty first swarm of the last season than the violation only two puzzling problems in the whole matter, viz: lst, To winter successfully. It is, To winter successfu direction, beside remunerating man one

Gage—I have a method of my own.
ometime in October I remove noney
oard and lay on a few thicknesses of

at times.

Hall—What was the cause of losing those 3 swarms?
Gage.—They were what I aptly term some persons, ill do nothings. Once in a while we have a stray hive of bees that come properly under this heading. They do not work much through the summer and have no storage for winter. When I have a hive of that class—which is ery rare—I call them the grocerymen

ve. Case—How is that? Case—How is that?
Gage—Because they lay around the comb all summer and don't do much culling outside, and the loungers about groceries hang around the sugar barrels most of their time, and don't do much ork outside all the samee, only to occa

work outside all the samee, only to occa-sionally nip their finger nails and bite off the end of a stray cracker. Fay—Sometimes the laws of nature seem to be at variance with propriety. This explanation that Mr. Gage gives us is certainly unique, and a significant moral is attached thereunto. My bees that do the most work through the sum-mer, generally come out the best in the spring. My hives are 2 feet square on the outside. Have had bees do well in wintering without any packing or storage, but after investigation conclude that rection is necessary to ensure success.

Gage—I arrange the combs or frames of that the bees can have free passage rom one part of the hive to the other.

Dodge—Mr. Gage strikes my style exfrom one part of the hive to the other.

Dodge—Mr. Gage strikes my style exactly. We need to give our bees free passage in their artificial limited space. I do not use the mat. A single cloth is just as good for me with my experience, especially in my bee house. I have recently enlarged the cellar or bee houses of that it has a capacity storge of 100 swarms or more. Most of my hives have cloths on. I store my bees top of each other, five hives high. I learn something new each year. I do not admire so much packing around the hives. I never shall packing around the reaching ground my packing around the hives. I never shall hereafter put any packing around my colony safely through the winter.

brood chambers. Case—What time of year do you pack

Dodge-Generally pack last of Novem Dodge—Generally pack last of November. I pack in a day when it is warm so that stray bees will easily get back to the hive again. Packing is only one of the items for winter preparation—I commence in September to inspect my bees carefully, and aid each hive for wintering according to the condition in which it is found at that time. If I have a surpus of honey in one hive, I often take part away and give to a swarm that is dep'us of honey in one nive, I orien date part away and give to a swarm that is deficient. But I do not advocate this method in general practice. I save quite a good supply through the summer for extra fall and winter feeding. Be very careful in feeding, or robbing will commence. If it does look out for trouble that may be lasting. It disogranizes a mence. If it does look out for trouble that may be lasting. It disorganizes a whole apiary when robbing commences. I do not allow a drop of honey to be spilled near the hives or a bit of comb where the bees can reach to excite their appetites. We can not be too careful in this direction. If a drop of honey is seen on the light board I wipe it off at once. Bees have guards at entrance of hives.

Gage-I would not do this unless it was

Gage—I would not do this unless it was a very mild day.

Case—Will 5 or 6 good combs be sufficient to carry through?

Dodge—Five are enough.

Gage—I have let my bees go through on four. It depends on size of frame as well as size of hive. Bees need empty combs as well as full ones. I leave 25 to 30 lbs. honey in hive. All surplus honey above this amount is taken off at close of the basswood barvest.

Dodge—A Langstroth frame will hold about 8 lbs. honey. In regard to examining bees, every bee keeper of common

ining bees, every bee keeper of common observation can tell at once if there are any difficulties in the way and should learn to handle the bees cautiously and remove the same at once. Gage—I take off cap down cellar and

on his cellar bottom and another that on in scenar bottom and another that throws in snow occasinally. You see each one has a way of his own. But with all these variances bee keeping is a legitimate business that is bound to come up. We must learn to handle bees same as the ways clear the infett. care. We must not be hasty in spirit while doing this work. If we have long mormon hair or Aaron beards then the insect is liable to get tangled therein, and examine the situation with the exterior of his susceptible. I find only two puzzling problems in the whole matter, viz:

Dodge—I had rather have a thrifty first swarm of the last season than the original one if they come through all right. I bought 50 swarms when I commenced this business and have almost board and lay on a few thicknesses of newspaper, or use carpet, and on top of this place a chaff cushion about 4 inches in thickness, merely for absorbent more than for protection. The entrances to my hives are about 7 inches wide. These I close up to about 2 inches. The most I ever lost any winter was 3 swarms. I winter as high as 63 or near that number at times. new to-day, and yet, gentlemen, he can teach most of us a-b-c's in this matter Mr. Pres., let us be more earnest in our work and success will surely attend us. Hall—I consider myself under lasting obligations already to this society for what knowledge I have obtained thus far

in these mutual gatherings. Rossiter-I have followed Mr. Boiling's plan of wintering and had perfect

success.

Case—I have made up my mind to winter out doors and shall follow Mr.

Root's style. Shall put chaff between division board and on the top for absorbent and let my hives face the east.

Dodge—I leave my entrances open all winter. If any swarms get drifted under I let them alone. They come generally the best in the spring.

Hall—Mr. Moon, the noted apiarist near Moon's Station, covers his hives with anow in the certificate for snow in the early part of the winter for

certainly unique, and a significant or all is attached thereunto. My bees hat do the most work through the sumer, generally come out the best in the discount of the sumer of the sum of the s properly constructed cellar is the only true safe guard for the safe wintering of

It was then proposed that the meeting be adjourned till after the State Bee Keepers' Association meet at Ro-chester, so that Mr. Dodge could give the association a full report of its general

We call the special attention of ou ers to the advertisement of Mrs. Lizzle E.Cot ton, in another column, under head of "Honey Bees." Mrs. Cotton's new system of bee keeping has proved a great success. Write her for circular of particulars.



IF YOU WANT M mo. Foy's Improved

Corset And Skirt Supporter,

FOY, HARMON & CO., New Haven, Conn

AYER'S Ague Cure IS WARRANTED to cure all cases of ma-

larial disease, such as Fever and Ague, Inter-mittent or Chill Fever, Remittent Fever, Dumb Ague, Bilious Fever, and Liver Com-plaint. In case of failure, after due trial,

HOME COMFORT



WROUGHT IRON

Are the best because they are made in all sizes, of best material, are more convenient, more easily managed, consume less fuel, heat quicker, retain heat longer, bake better, heat more water, will last longer and give better satisfaction than any Range or Stove made.

The most perplexing days to house keepers are washing and ironing days. Realizing this and sympathizing with the good housewife, we er, retain heat longer, bake better, bake better, and pelieve it will mitigate the troubles mentioned, and lessen the number of "Blue Mondays." COOKING RANGES ALL GOODS FULLY WARRANTED.



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Counter Railings, WindowlGuards. Iron and Wire Fences. PLAIN AND BARBED FENCING WIRE.

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KIDNEY DISEASES. LIVER COMPLAINTS, CONSTIPATION, PILES AND BLOOD DISEASES.

PHYSICIANS ENDORSE IT HEARTILY. -Wort has cured my wife after two year." Dr. C. M. Summerlin, Sun Will IN THOUSANDS OF CASES

t eleanses the Blood and Strengthens and New Life to all the important organs of

PRICE, \$1.00 LIQUID OR DRY, SOLD BY DRU

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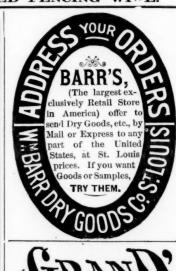
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WILLWIND ANYWATCH WEAR OUT

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raising talker busine of lishimsel The larges ment the De Park I exhibi chines the ha

Che Dairy.

Officers Mississippi Valley Dairy and Cream

ery Association.

Vice President-Jos. W. Drury, Waterloo, Ill

Second Vice President—Joseph E. Miller, Belleville, Ills. Troasurer—Wm. N. Tivy, 424 North Second

Secretary-Joseph W. Sheppard, 800 Olive

Although cattle were excluded from the St. Louis Fair this year, we noticed that Mesers Bacon & Campbell, of Manchester, St. Louis Co., Mo., were on the grounds with a tent, meeting old custom-

ers and making new ones. They report sales of six head of Holsteins, that go to

Illinois, Missouri and Kansas. In the let was an eighteen-month bull that sold for

President-Norman J. Coman, St. Louis.

RT

IRON TOVES. days to house days to house g and ironing and sympath-housewife, we bove Laundry will mitigate ed, and lessen Mondays."

ity of St, Louis hington Ave UIS, MO.

EST refunded. The in the world. clean without rubone tub to another the most delicate ers' lowest price. CO., Eric. Pa.

e. le Lungs. Ho**arse-**lney Troubles, **and** Mass.

VIRE.

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LAIM of being the NG, LING AND

ING STOVE public. TURING CO., St. Louis.

mail25c, Circulars Co., 38 Dey St., N. Y

The report in our last issue, telling of the presentation of a gold watch and chain to Mr. J. W. Sheppard, Secretary of the Mississippi Valley Dairy Association, in token of the appreciation of his work, by the merchants interested in the Dairy and Creamery Department of the St. Louis Fair, is a greater honor than appears at first sight, inasmuch as it is, we believe, the first time in the history of the Fair that any one not officially connected with it, has received such a connected with it, has received such a

making the exhibit, the largest and most successful Dairy and Creamery exhibition ever held at any Fair In the West.

The Hall in which the exhibit was held, was about 38x156 feet, and was so arranged as to have the exhibit of butter and cheese displayed on inclined platforms, which were built for this occassion, running from one end of the building to the other on either side. At the entrance, the Salt Exhibits were to be seen on either side, while the implements were allotted to the space in the center, around which the people crowded in interested groups.

The first exhibit of implements which attracted the Visitors notice as they entered the Hall, was the display made by Davis and Rankin of Chicago, Ill., who exhibited a full line of creamery churns and butter-making implements; and of the wolf of the week.

The Higgins, Eureka, Salt Co., 115
Reade St., N. Y.. made a very business like display of their salt and attracted much attracted bruch attention.

They also displayed the silver pitcher, and black silk dress, which were the two premiums they offered for competition to the makers of butter. Mr. D. W. Wilson had charge and was kept occupied the whole week in distributing some very fine fancy colored cards which were regreat demand.

P. Moran & Co., Chicago, Ill., Agents for Rice's Pure Dairy Salt, made also a good display of this brand of salt. The stand on which the bags were piled, was decorated with fancy signs and flags, and its location made it the first exhibit seen on entering the hall.

Mr. Folsom had charge and distributed large numbers of cards and pamphilets descriptive of the special merits of their cardial properties.

The Higgins, Eureka, Salt Co., 115
Rod. M. M. McKean & Co., St. Louis, Mo. Prize, \$50.

Class B. Best cheese display. Tencheses made anywhere.

Ist. C. E. Udell & Co., St. Louis, Mo. Prize, \$50.

Rod. M. M. McKean & Co., St. Louis, Mo. Prize, \$50.

Strick display of the insulant attracted chock, with the measure of the whole week in distributing some very fine fancy colored ca making the exhibit, the largest and most successful Dairy and Creamery exhibition ever held at any Fair in the West.

The Hall in which the exhibit was held, was about 38x156 feet, and was so arranged as to have the exhibit of butter and cheese displayed on inclined platforms, which were built for this organ-

bavis and Rankin of Chicago, Ill., who exhibited a full line of creamery churns and butter-making implements; and of the well known Fairlamb and carrying cans. Mr. W. H. Folsom, who had charge of this exhibit, reports that the week was the busiest one he has spent for many a year, and that he is satisfied with the result; he reports having made some good sales.

Next to him was the exhibit made by Cornish. Curtis & Green of Fort Atkin-very control of the calculation of the control of the special merits of their control of the special merits of their descriptive of the special merits of their descriptions. Prize, §50.

2

made a very interesting display of revolving churns, suitable for the dairy or creamery. Mr. H. H. Palmer and his son were kept busy the whole week explaining the special their merits, and at the end of the week found these two gentlemen in most excellent humor, the inference is that success had attended their efforts and they were satisfied.

their efforts and they were satisfied. A very good display of the Favorite Churn was made by Messrs. Blakeman & Dobson of Rockford, Ill., and attracted Dobson of Rockford, Ill., and attracted considerable attention, but as the exhibit was made more for an advertisement than to catch individual sales, as the firm prefer to sell to the jobbers in large lots, it is to be expected they accomplished their object, the gentleman in charge was very busy the entire week. An interesting exhibit was made by John Wilhelm, Jr., of Wooster, Ohio, who displayed quite a number of cream raising cans. The gentleman is a good talker, and thoroughly understands his business hence drew around him a crowd

business hence drew around him a crowd of listeners all the time. He reports himself well satisfied with the results.

The exhibit which drew around it the largest number of visitors in this department the whole week, was that made by the De Laval Cream Separator Co., 32 Park Row, New York City, who had on which the transfer of the control of the c exhibition two of their centrifugal machines and one at work separating the cream from the milk, and also a number of creamery churns and other implements. They were located at the end of the hall, and the crowds of visitors had a good opportunity to see the working

of this new, novel and ingenious

Mr. Lespinasse, a widely known mem ber of the press, had charge of the exhibit, and was kept so busy explaining the merits of the machines as to welcome the coming of the end of the Fair. The two Certrifugal Machines which

The two Certrifugal Machines which he had on exhibition, were sold to the St. Louis Dairy Co., and the gentleman report having reasons to be pleased with this, their first exhibit at the St. Louis

Fair.

SALT EXHIBIT.

The Salt Exhibit contained entries from every large salt company in this country, and in England, and together made a display of salt which has permade a company of salt which has permade a display of salt which has permade to the salt which has permade haps never been seen or equalled in this

ountry.
The American Dairy Salt Co., Syracuse, N. Y., were represented by Col. T. D. Curtis and Mr. Brown his assistant. These gentleman made a gay display of salt in bags, fancy signs and flags, which the average of the passers by and attracted the eyes of the passers by, and drew attention to their stand. On this was piled some several thousand sample bags of salt, which were given to visi-tors. He also distributed many thou-sands of very pretty picture cards. Adjoining their exhibit was one made by Mr. H. McK. Wilson, of 114 North

Second street, St. Louis, the western agent of the Hickson's Sifted Dairy Liveragent of the Hickson's Sifted Dairy Liverpool Salt, made a fine exhibit of their monogeneous product, many bags of which were piled into a pyramid, on the tops of which were entwined the stars and stripes and the union Jack. This gentleman was kept very busy the whole term of the Fair, explaining the many virtues of the Hickson Salt and distriptions of the Hickson Salt and distributions. Figure 11.

The Dairy and Creamery Department at the St Louis Fair

For the first time in the history of the St. Louis Fair, the Dairy and Creamery interest had a department exclusively to itself, and the large number of separate exhibits of implements and of the products of the Dairy and Creamery, attest the wisdom of the Association in giving this department the prominence it deserves. The co-operation of the Mississippi Valley and Creamery Association gave this department the impetus which brought it to the front, and resulted in making the exhibit, the largest and most successful Dairy and Creamery exhibitors. The General Pair in the West.

The Dairy and Creamery Agent, for the Michigan Dairy Salt Co., 105 N. 3rd, St., St. Louis, Mo. Prize, \$100.

Salt, making as he did a very attractive exhibitation in sample bags of all sizes; the wisdom of the Association in giving this department the prominence it deserves. The co-operation of the Mississippi Valley and Creamery Association gave this department the impetus which mought it to the front, and resulted in making the exhibit, the largest and most successful Dairy and Creamery exhibitors.

The Hilggins. Eureka, Salt Co., 115 Class B. Butter and cheese dealers of the Hickson Salt, and distributing his attractive cards.

Class B. Butter and cheese dealers and cheese dealers and cheese dealers. Sc. Louis, Mo. Prize, \$65.

3rd. H. A. Rehbein, St. Louis, Mo. Workell, L. MeGnu, Knoxville, Tenn. Of Class B. Butter and cheese dealers. Sc. Louis, Mo. Trib of butter mand cheese dealers. Sc. Louis, Mo. Prize, \$65.

St. Louis Mo. Tub of butter mand cheese dealers. Sc. Louis, Mo. Tub of butter and cheese dealers. Sc. Louis, Mo. Tub of butter and cheese dealers. Sc. Louis, Mo. Workell, L. Making as he did a very attractive exhibitation in sample bags of all sizes; Srd. H. Louis, Mo. St. Louis, Mo. St. Louis, Mo. Tub of butter mand cheese dealers. Sc. Louis, Mo. Tub of butter and cheese dealers. Sc. Louis, Mo. Tub of butter and cheese dealers. Sc. Louis, Mo. Tub of butter and cheese de

or the week.

The Higgins. Eureka, Salt Co., 115
Reade St., N. Y., made a very business business business business color of the color o

sond sales.

Next to him was the exhibit made by Cornish, Curtis & Green of Fort Atkinson, Wis., who made a large display of churns, butter workers, and smaller implements. Mr. D. W. Curtis had charge of this exhibit and reports a very satisfactory week's work.

Messrs. H. F. Batcheller & Son, Rock Falls, Ill., made a very large exhibit of both large and small Batcheller churns, butter workers, dog powers, etc., and Mr. J. M. Armstrong who had charge, reports having sold out nearly all the goods he had on exhibition and as well taking orders for some goods yet to delivered from the factory.

The adjoining exhibit was made by J. M. Buckner, Paduca, Ky., and consisted of some twenty or more churns. This gentleman did a very good business here last year.

The adjoining exhibit was made by J. M. Buckner, Paduca, Ky., and consisted of some twenty or more churns. This gentleman did a very good business here last year, but at this, he was not able to make so good a report, though he expressed himself as being well paid for the labor of exhibiting.

The Fairbanks Scale Company of St. Louis, occupied the raised platform next, and exhibited a number of scales, trucks, and exhibited a number of scales, trucks.

The different committees on Implements. Butter and Cheese, had a very large and fancy display of butter color and during the whole week butter color and charge and fancy display of butter color and charge was butter color and furing the whole week butter color and furing the whole week.

Fig. 10. N. L. Curis, Prize, \$25.

Class F. By the American Dairy Salt Co., Syracuse, N. Y.

Ist. Mellen & Swan, Winnebago, Ill. Represented by Class H. Grand Sons, Chillicothe, Mo. Prize, Silver Medal.

Class H. Grand sweepstakes, De Laval Prize, Silver Medal.

Class H. Grand sweepstakes, De Laval Pri

Louis, occupied the raised platform next, and exhibited a number of scales, trucks, cheese boxes for the retail grocers use, etc., etc. As this company had the field all to themselves it is surmised they did some good business, as the department was visited by many hundreds of farmers interested in dairying, beside the

Display of Sattle dairys,
Cornish, Curtis & Green,
Ft. Atkinson, Wis.
Bronze medal.
Display of butter trays and boards,
Cornish, Curtis & Green,
Ft. Atkinson, Wis.
Bronze medal.

Bronze medal.

Display of butter moulds,

ornish, Curtis & Green,
Ft. Atkinson, Wis.
Bronze medal. Display butter ladles, Cornish, Curtis & Green, Ft. Atkinson, Wis

1st prem., bronze medal. Display butter printers,
Cornish, Curtis & Green,
Ft. Atkinson, Wis.
1st prem., bronze medal.
General display of implements for but-

ter making, De Laval Cream Separator Co.,

to churns or feed cutters,
Sandwich Enterprise Co.,
Sandwich, Ill.
1st prem., bronze medal.

Wagon or device for transporting cream from farm to creamery, J. M. Harney, Florrisant, Mo.

1st prem., bronze medal. Cabinet creamery for farm use, honrable mention, Vermont Farm Machine Co.

Bellows Falls, Vt.
Model of creamery building, honorable J. J. Smith,

Brownville, 22.

Best display of salt,
J. T. Ewing,
St. Louis, Mo.
Quality not considered.
The committee could not agree regarding the award on butter color as to quality. But as to display
Award the bine ribbon to the
Richardson & Co.,
Burlington, Vt.

2rd. \$150. 3rd. \$50.

4th. Ass'n. Silver Medal. 1st. Kizer & Conklin, Shirland, Ill.
Represented by R. Hartman & Co., St.
Louis, Mo. Prize, 8300.
2nd. Alma Creamery Co., Alma, Wis.
Represented by G. E. Wetzel, St. Louis,

St. M. M. McKeen, St. Louis.

Sto. No 2nd prize awarded.

Class H. Grand sweepstakes, De Laval
Cream Separator Co., Jas. McCreedie,
Elgin, Ill. Represented by Haussenduble Bros, St. Louis, Mo. Prize, 8100.

Class I. One Tub of Butter Salted

C; 2nd, \$5, Clifford & White, Welling-

Represented by C. E. Udell. Prize, \$50.
2nd. A. C. Hoyt, Mansfield, N. Y.
Represented by C. E. Udell & Co, St.
Louis, Mo. Prize, \$25.

Mr. James M. Douglas, who had official charge of this department, filled the position with credit to himself, and well earned the thanks of the exhibitors, who were indebted to 'him for many favors, which he was ever ready to grant when in his bower.

Special Mention.

The well-known firm of H. F. Batcheller & Son, manufacturers of Dairy and Creamery Supplies, Rock Falls, Ill., came to the St. Louis Fair this year with the largest display of implements of the larg the largest display of implements of their own manufacture they had ever put on exhibition at any fair, though they have made it a practice to attend Ill.

General display of implements for butter making,
De Laval Cream Separator Co.,
Prize \$25 and diploma.
Cheese making utensils,
Display of scales, Fairbanks,
Bronze medal.
Cream raising utensils,
Davis & Rankin,
Chicago, Ill.
Ist prem., bronze medal.
Engine and boiler for dairy use,
Charles P. Willard,
Chicago, Ill.
Stypen, bronze medal.
Best animal power for runing churus,
H. F. Batcheller & Son,
Rock Falls, I.
Best device for attaching wind mills to churns or feed cutters,
Sandwich Enterprise Co.,
Sandwich. Ill.
Ist prem., bronze medal.
Sandwich. Ill.
Ist prem., bronze medal.
Sandwich Enterprise Co.,
Sandwich. Ill.
Ist prem., bronze medal.
Sandwich Enterprise Co.,
Sandwich Enterprise Co.,
Sandwich Enterprise Co.,
Sandwich Ill.
Sandw

their own make, which any one can have

Holstein Transfers. BULLS.

Matilda K's Col. 2859, W. A. Pratt, L. L. Kirby, Jerseyville, III.
Dick Spaanz 778, Chas. Crapser, J. H.

Rhodes, Little Falls, Minn.
Aesop 1457, Smiths & Powell, J. Demmon & Son, Yorkshire Centre, N. Y.
Antonia Franklin 3240, J. D. Guthrie,
E. P. Bryan, Frankfort, Ky.
M. F. Vandal, 963, G. P. Weber, J.
Johnson, Lincoln, Ill.
Baron Cookdale 2911, Michael Cook & Son, F. Pagels, Longuenil, Quebee.
Clandebove 2904, Lord Cook & Son, E. B. Hazard, Picton, Ont.
Billy Boy 2954, Chauncey Sears, E.
Smith, Waltham, Mass.
Harpy 3165, R. C. Washburn, I. M.
Allyn.

Harpy 3165, R. C. Washburn, I. M. Allyn.

Eckke 631, D. Severy & Son, M. N. Trumbo, Maquoketa, Ia.
Eckke 631, M. N. Trumbo, Home Farm Fine Stock Co., Hampton, Ia.
Uncle Tom 163, G. S. Miller, Smiths & Powell, Syracuse, N. Y.
Apollo 402, J. V. Herron, D. B. Smith, Guthrie, Ky.

Surrilda 4153, Cora Guthrie 4147, J. A. Bell, J. D. Guthrie, Shelbyville, Ky.
Maud Hamming 6351, Grant Noxon, B. B. Lord & Son, Sinelairville, N. Y.
Ona 4313, W. R. Pratt. L. Kirby, Jersoyville, Ill.
J. D. Guthrie, Shelbyville, Ky.
Sursky Stockey, Atlanta, Ill.
Sweepstakes—Best boar any age—Premium, \$20, G. W. Stoner, LaPlace, Ill.
Best sow, any age—Premium \$20, C. Ul. Holmes & Co., Grinnell, Io.; 2d, \$5, Same.
By Stown under 6 months—First prem., \$10, A. Ingram, Perry, Ill.; 2d, \$5, C. J.
Stuckey, Atlanta, Ill.
Sweepstakes—Best boar any age—Premium, \$20, G. W. Stoner, LaPlace, Ill.
Best sow, any age—Premium \$20, C. Ul. Holmes & Co., Grinnell, Io.; no second. seyville, Ill. yrola 4315, W. A. Pratt. Mill's Bros..

W. Louchery, Louisville, N. Y. Kate Beenster 1139, D. S. Blanding, K. L. Boynton, Griswold, Mich. THOS. B. WALES, Jr., Sec'v. Iowa City, Ia., Oct. 11th, 1884.

The Dig Den.

Swine at the Fair.

The exhibit of swine at the St. Louis Fair compared very favorably with any Fair heretofore held. A large number of extra pens had to be improvised to afford the accommodation called for. The fol-

lowing are the awards:
Class A. Berkshires—Best boar 2
years old and over, first prem., \$20, B.
F. Dorsey & Sons, Perry, Ill.; 2nd, \$10,
J. J. Renfro & Sons, Collinsville, Ill.
Best boar, 1 year and under 2-first
prem., \$15, N. H. Gentry, Sedalia, Mo.;
2d, \$10, B. F. Dorsey & Sons, Perry,
Ill. lowing are the awards:

Best pen of breeding hogs, to consist for the writing.

By all means write for it before purchasing elsewhere.

Solve and four sows of any age.
owned by exhibitor—First premium, \$30, W. C. Williams, Knightstown, Ind.; 2d, \$15. G. N. Helms, McCordsville, Ind.

CLASS D—DUROC JERSEYS.

Best boar two years and over—First prem., \$20, A. Ingram, Perry, Ill.; 2d, \$10, F. Craycroft, Sedalia, Mo.
Best boar one year and under two—First prem., \$15, G. W. Stoner, LaPlace, Ill.; 2d, \$10, J. L. Mustard, Lebanon, Mo.

Best sow, with litter of her own pigs, Pyrola 4315, W. A. Pratt. Mill's Bros..
Ann Arbor, Mich.
Belle 96, J. H. Comer, Dr. L. Johnson,
Coldwater, Mich.
Belle 85, Dr. L. Johnson, J. H.
Rhodes, Little Falls, Minn.
Rapid Ann 630, Rapid Ann 3rd 632,
W. Fullerton, R. R. T. Adams, Lynchurg, Va.
Best sow, with litter of her own pigs, ander six months old, not less than five in number, owned by exhibitor—First prem., \$20, C. H. Holmes & Co., Grinnell, Io.; 2d, \$10, G. W. Stoner, LaPlace, Ill.

OTHER DISTINCT BREEDS.
Best pen of breeding hogs of any distinct breed not named in the premium

OTHER DISTINCT BREEDS.

Best pen of breeding hogs of any distinct breed not named in the premium list, to consist of one boar and four sows of any age owned by exhibitor—First prem., 830, Daub & Mathers, Jacksonville, Ill.; no second.

Best sow of any distinct breed not named in the premium list, with litter of ner own pigs, not less than five in number, under six months old—First prem., 830, G. F. Davis & Co., Dyer, Ind.; 2d, 820, same.

20, same. Best boar of any age of any distinct

prem., \$15, G. F. Davis & Co., Dyer, prem., \$15, G. F. Davis & Co., Dyc., Ind.; 2d, \$5, same.

Best sow of any age of any distinct breed, not named in premium list—First prem., \$15, G. F. Davis & Co., Dyer, Ind.; 2d, \$5, F. Craycroft, Sedalia, Mo.

CLASS E—SUFFOLKS.

Best boar, 2 years and over—First prem., \$20, A. C. Green & Co., Winchester, Ind.; 2d, \$10, F. Wilson, Jackson, Mich.

Best boar, 1 year and under 2—First prem., \$15, F. Wilson, Jackson, Mich.; 2d, \$10, A. C. Green & Co., Winchester, Ind.

Best boar, 6 months and under 1 year

Pa.; 2d, \$10, S. A. Kaye, Old County farm, city.

Best boar, 1 year and under 2—First prem., \$15, E. Sites, West Dover, O.; no second.

Best boar, 6 months and under 1 year —First prem., \$10, W. C. Norton, Aldensville, Pa.; 2d, \$5, same.

Best boar, under 6 months—First prem., \$10, W. C. Norton, Aldensville, Pa.; 2d, \$5, same.

Best sow, 2 years and over—First prem., \$20, W. C. Norton, Aldensville, Pa.; 2d, \$10, S. A. Kaye, Old County farm, city.

Best sow, 1 year and under 2—First prem., \$45, W. C. Norton, Aldensville, prem., \$45, W. C. Norton, Aldensville,

Best sow under 6 months--First prem. 810. Daub & Mathers, Jacksonville, Ill.; \$10, Daub & Mathers, Jacksonville, Ill.; 2d, \$5, F. Wilson, Jackson, Mich.
CLASS D—DUROCK JERSEYS.
Best boar 2 years and over—First prem., \$20, A. Ingram, Perry, Ill.; 2d, \$10, Craycroft, Sedalia, Mo.
Best boar, I year and under 2—First premium, \$15, G. W. Stoner, LaPlace, Ill.; 2d, \$10, J. L. Mussey, Lebanon, Mo.

Best sow, 6 months and under 1 year-

First premium, \$10, C. H. Holmes & Co.; 2d, \$5, same.

Best sow under 6 months—First premium, \$10, A. Iagram, Perry, Ill.: 2d, \$5, C. J. Stuckey, Atlanta, Ill.

Sweepstakes--Best boar any age—Premium, \$20, awarded to G. W. Stoner, Best sow, any age—Premium, \$20 Best sow, any age—Premium, \$20, awarded to C. H. Holmes & Co.

Best pen of breeding hogs, to consist of one boar and four sows of any age, owned by exhibitor—First premium \$30, C. H. Holmes & Co.

Best sow, with her own pigs, under 6 months old, not less than five in number—First premium, \$20, C. H. Holmes & Co., Grinnell, Io.; 2d, \$10, G. W. Stoner.

Stoner.

Best pen of breeding hogs of any distinct breed not named in the premium list, to cor sist of one boar and four sows of any age, owned by exhibitor-First premium, \$30. Daub & Mathers, Jack-

sonville, Ill.

Best sow of any distinct breed not named in premium list, with litter of her own pigs, not less than five in number, under 6 months old—First premium, \$30, G.JF. Davis & Co., Dyer, Ind.; 2d. \$20, onville, Ill.

Best boar of any age of any distinct

Best boar of any age of any distinct breed, not named in premium list—First premium, \$15, G. F. Davis & Co.; 2d, \$5, same.

Best sow of any age of any distinct breed, not named in the premium list—First premium, \$15, G. F. Davis & Co., Dyer, Ind.; 2d, \$5, Craycroft, Sedalia, Mo.

Transfers of Thoroughbred Stock.

AMERICAN BERKSHIRE RECORD. olly Stewart 12,305, Gideon Blackstone Red Oak, Iowa, to C. F. Hall, Greenwood

Red Oak, Iowa, to C. F. Hall, Greenwood, Neb.; Queenie's Gloster 12.275, Geo. W. Penny, Newark, Ohio, to Chas. S. Dole, Crystal Lake, Ill.; Sambo's Sallie III. 12,316, Geo. W. Penny, to C. H. Heard, Macedonia, Ill.; Lady Duchess II. 9,894, Turner & Hudson, Lansing, Mich., to Wm. E. Crum, Bedford, Iowa; Scott's Hagar VIII. 7,400, J. M. Scott & Son, Belleville, Ill., to F. A. Scott, Huntsville, Mo.; British Princess 7,556, P. L. Harper, Osceola, Iowa, to C. F. Ayers, Osceola, Iowa; Lord Holton 12,319, E. R. Dennis, Ellicott City, Md., to Robert E. Park, Holton, Ga.; Gertrude 12,226 and Sue Lou 12,227, A. G. Goodlett, Clarksville, Tenn., to H. D. Nichol, Nashville, Tenn.; Heon Idlae 12,037 and King of Troupe 12,335, T. R. Proctor, Utica, N. Y., to R. E. Bradford, Troupe, Tex. PHIL. M. SPRINGER,

Springfield, Ill.

Standard Red Hogs. In the American Agriculturist, appears the following from Col. F. D. Cur-

rom Col. F. D. Curtis, of Charlton, N. Y.:

The breeders of red hogs have organized an association, uniting the New Jersey family, called "Jersey Reds," and those of New York known as "Durcos." The latter have been mostly bred in Saratore, country theoreh outer. Best boar, 6 months and under 1 year
—First prem., §10, F. Wilson, Jackson,
Mich.; 2d, §5, A. C. Green & Co., Winchester, Ind.
Best boar under 6 months—First
prem., §10, A. C. Green, Winchester,
Ind.; 2d, §5, F. Wilson, Jackson, Mich.
Best sow, 2 years and over—First
prem., §20, F. Wilson, Jackson, Mich.;
2d, §10, A. C. Green, Winchester, Ind.

2d, §10, A. C. Green, Winchester, Ind. prem., \$20, F. Wilson, Jackson, Mich.; 2d, \$10, A. C. Green, Winchester, Ind. Best sow, 1 and under 2—First prem., \$15, F. Wilson, Jackson, Mich.; 2d. \$10, same.

Best sow, 6 months and under 1 year—First prem., \$10, F. Wilson, Jackson, Mich.; 2d, \$5, same.

Best sow, under 6 months—First prem., \$10, F. Wilson, Jackson, Mich.; 2d, \$5, same.

Best sow, under 6 months—First prem., \$10, F. Wilson, Jackson, Mich.; 2d, \$5, same.

Best sow, under 6 months—First prem., \$10, F. Wilson, Jackson, Mich.; 2d, \$5, same. Mich.; 2d, \$5, same.

Best sown, under 6 months—First prem.,

Best boar, 2 years and over—First prem., \$20, V.C. Norton, Aldensville, Pa.; 2d, \$10, S. A. Kaye, Old County farm, city.

Best boar 1 year and under 2—First prem., city.

ments. Batter and Cheese, had a very The Fairmask scale Company of St. The Fairmask scale Company had the delice to the Pairmask scale Company had the scale that the Fairmask scale Company had the scale that the Sairmask scale Company had the s

guarantee. Sample Free. L. SMITHNIGHT, Cleveland, Obio-

DAIRY SUPPLIES.

43 Parties writing to advertisers will please mention that they saw their ad-vertisement in Colman's Bural World.

DAIRY SALT.

SALT ONONDAGA F. F. Table and Duiry Salb
SALT The Furest, Strongest, Best and Cheapt
est Salt made. Warranted as pure as any,
Triumphant everywhere. At Buffalo in
the State test of '6'; at the New York Bustter and Cheese Exchange test, '75; at the Milwankee Grand Union Dairy Exchange Falr
'85, taking all the leading premiums and
'75, taking all the leading premiums and
that, over four foreign competitors,
that, over four foreign competitors,
manufacturers, the American Dairy Sals Co.
L. Add'ss J.W.BARKER, Sec'y, Syracuse, N. Y.

De Laval Cream Separator.

A practical scientific machine for sep-arating the cream from the milk when received at the factory, or as soon a milked.

It requires but one horse-power to operate it, and is so simple that it can be set and started by any ordinary factory-

J. & J. Darlington, Darling, Pa., write: "No dairyman with twenty-five cows, can afford to be without one. They consume but little power, are very easily kept clean, can be operated by any

easily kept clean, can be operated by any one, and when once adjusted, are always ready."

J. E. Gillingham, of Villa Nova, Pa., writes: From June 2nd to October 20th, while skimming shallow pans, and using the Cooley Creamer, it required an average of 22 6-100 pounds of milk for one pound of butter. Using the Seventer. age of 22 6-100 pounds of milk for one pound of butter. Using the Separator from October 27th to November 17th, the average was 17 56-100; during the last week the average was 17 pounds.

The machine is more than fallfilling the claim made for it—that it is the

vented, and no Creamery, Dairy or Fac-tory, can afford to be without it. DE LAVAL, Cream Separator Co.
JOSEPH REALL, Pres. & Man.
32 Park Row, New York City.
D. W. WILSON, Agent,
Elgin, Ill.

GREATEST DAIRY IMPLEMENT every



AND REFRIGERATOR
BOX.
The best Can in the
world It has 380
inches more cooling
surface than any other
er Can. It will raise
more cream than any
other Can and work
satisfactory at a higher temperature and in
less time than what is
necessary by any oth-



24to 28 Milwauke THE "BOSS" & "ACME"

CHURNS



ESTABLISHED 1853. WM. N. TIVY, Cheese, Eggs, Honey, Wool and Gen eral Commission Merchant.



For Pumping or for Power
HAND AND POWER
Corn Shellers,
Horse Powers,
Feed-Grinders and
Corn Cultivators,
Iron Pumps, &c.
Marsellis Martheturing &c.,
Marsellis Martheturing &c., ASTHMASmithnight's Asthma and Hay

J. G. JOHNSON & CO. Cheese Factory, Creamery and Dairy

APPARATUS AND SUPPLIES We carry in stock Engines and Bollers, Factory and Dairy Churns, Cheese Boxes and Bozaterial, Setting and Hauling Cans, Vats, Egg Cases, Egg Preservative, in fact most everying needed in a Cheese Factory, Creamery or Dairy. Write for Illustrated Catalogue and rice List.

No. 604 Brondway, Kansas City, Mo. hing needed in a Cheese Factor. Price List. Mention the RURAL WORLD.



Rupture

DR. J. A. SHERMAN, al Office, 251 Broaway, NEW YORK CITY.



St. Louis Amusements.

"The Pavements of Paris," a powerful melo drama, has made a big hit at the Olympic Theatre. Next week the great southern drama "The Planters Wife," will be pro-

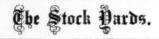
"The Wages of Sin," one of the most pow erful dramatic works ever seen on the stage-is drawing crowds at the Grand Opera House Edwin Holme and a powerful company pre-ent the great realistic play "The Black

At Pope's Theatre a substantial success has been scored by "The Romany Rye" now in its fourth season. Dion Boucicault, the great author and actor, opens in "The Shan-gharaun" and "Robert Emmett" next week.

Cal Wagner's Minstrels are the attractions at the People's. "Burr Oaks," a practical American drama, will be given next week.

Harry Watson and wife in "Wrinkles" are amusing the patrons of the Standard. They give a great show and are drawing well. The "Big Four Comedy Company" hold the boards next week.

At the Casino a big bill is promised for next week. The performances at this house are the best ever given here in the variety



Weekly Review of the Live Stock Market The receipts and shipments for the week RECEIPTS ...

Wednesday

Friday Saturday Monday Tuesday	491 197 1487 639	2697 662 3377 3007	937 100 509 1007	56 10 175 22
Total Last week	7,874 7,697	24,78f 18,478	6,393 3,312	499 317
	SHIP.	MENTS.	Sheep.	Horses and mules
Wednesday	285	191		24
Thursday	589	1616	110	86 45
Friday	1598	3436	1603	
Saturday	2615	1990	106	53
Monday	402	4951	738	112
Tuesday	381	440		99

It is said that the native breed of hogs in Holland are of the rail splitting species.

Total...... 5,870 12,624 2,557 Last week.... 3,323 3,760 3,821

In many sections of Illinois it is said that wheat is being fed to hogs with good results. Five hundred sheep brought \$4 per head in Tom Green county, Texas, a short time since. They were eight pound shearers.

The attempt to boycott Chicago dressed beef, by the trades-unions of New York, has failed, and 1000 refrigerator cars are now en-gaged in transporting Chicago dressed beef to the East, the through time to New York being forty-eight hours.

A deputation of French agriculturists re cently waited upon M. Jules Ferry to ask that the new duties on imported foreign cat-tle may be more than doubled. The stock agent of the Missouri Pacific sys-

tem says that there will be 4,000 head of beef cattle shipped from Colorado City during the months of October and November.

It is reported that saveral large beef herds are being driven from the Judith country towards the Canadian Pacific for shipment

aughtered 1,615,000 hogs, against the corresponding time last year. ast St. Louis Packing and Provision pany, one of the most extensive in the ountry, will resume operating in a short

The demand for hotel accommodations for ristors to the Cattle Convention in November continues to increase, and from present pros-pects there will be from 15,000 to 20,000 in at-

Grande engines first climbed the Marshall ass three years ago, there were not 2,000 case three years ago, there were not 2,000 and east cattle in all the Colorado country, including Montrose, Mesa, Delta, Eagle and Grand counties. Now there are 109,000 and enough. Prices are about steady. he increrse still goes on.

the increrse still goes on.

The Chicago Times says: Health Officer
Lamb is constantly finding hogs in the city
slaughtering houses dressed and ready for
the meat markets that are unfit for food.

Seventy-five thousand dollars have been subscribed for the organization of a company at San Autonia, Texas, for the purpose of i pping refrigerator beef to the North and

The exports of cattle via the St. Lawrence oute during the month of September was 3,305 head and of sheep 3,184. The total ex-port from the opening of navigation to the end of September, was 43,651 head of cattle and 42,006 head of sheep.

The Warden of Manitoba Penitentiary nea Win nipeg, has a fine herd of hybrid cattle, ossed between the male buffalo and the do mestic cow. They are said to be very tame and hardy, and seem pre-eminently adapted to ranging the plains. They readily mate and nature seems to provide their offspring with constitution adapted to all climatic ex Frems of the Northwest. They are not housed in winter and find their food under the snow-thriving where other cattle would starve.

The Cincinnati Price Current says: We have obtained official statements of the number of live stock, as indicated by returns of assessors, from seven of the Western States, which represent the bulk of the hog supply, and submit herewith the comparisons by State for an unber of hogs, for two years, as follows:

Indiana			
Kausas 1,953,044 1,393,968 Nebraska 1,148,724 879,113	Indiana Illinois Iowa	1,967,901 2,808,898 1,846,540	1,644,340 1,911,820 2,583,236 1,895,044
	Missouti	2,708,698 1,953,044	2,384,659 1,393,968
			12,692,180

heid Monday, and with the exception of Chauncey M. Depew, the old Board was re-elected. After disposing of routine business a resolution was passed authorizing the board to purchase the extensive b. ef canning plant from the trustees of the bond holders, with a view of disposing of the property. There being no quorum present, the board adjourned to meet in New York for the election of officers.

CATTLE—The market during the week was largely overstocked with half-fat cattle and all grades below good fared badly, prices weakening day by day until a drop of 30 to 50c was recorded before the close. There was not many natives of any discription to warrant any great reduction of prices for this class of cattle, and as converted with class of cattle, and as cattle and as ca

rant any great reduction of prices for this class of cattle, and as compared with others prices for grades suited to the wants of ship-pers were well sustained in price and generally steady not so much on account of the demand which was good all the week, as of the extreme scarcity, the offerings being insignificant. The best price obtained for choice was \$6.25, other sales ranging from \$4.0565.80, and \$6.15 for common to choice, prime steers being quoted at \$6 50. There was a very large run of range cattle, and for such grades of natives as came into competition with the best of these the market was unfaorable and weak. Values for Texas and Indian cattle of all kinds underwent great declires, buyers refused to handle at anywhere near last week's figures, and the market ruled dull and depressed from start to finish. \$4 15 was the highest price obtained for the very best of range cattle, the bulk of the siness done at from \$3@3 85. The feeding

sell low and slow. The last two days of the week have been marked by greater strength, and values have advanced 15 to 20c per 1001bs. Receipts were light and almost wholly made up of cattle of a fair to medium discription, there being few good cattle of any kind received, nevertheless prices were sustained to the

end, and closed firm at the followin			_
Exporters36 56	9	6	6
dood to heavy steers 5 78			
Fair to good steers 4 5) a	5	6
Jommon to medium nat. steers. 4 2	5 2	4	8
fair to good Colorado steers 4 0	0	5	0
Southwest steers 3 0	0	4	50
Light to good stockers 3 00			
fair to good feeders 3 78	a	4	06
Native cows and helfers 2 40	1 @	3	80
Grass Texas steers 2 50			
Indian steers 3 00			
3calawags of any kind 2 4	0	2	ñ
Mileh come with colors		48	0
Milch cows with calves23 0	1 100	40	U
/eal calves 6 00	1 (0)	13	U

very cautious in their movements, and only operated freely when everything was favora-ble. Towards the close the receipts lessened a little, and prices owing to the very free de-mand prevailing, advanced to 10 to 15c.

Yorkers selling at \$4 90@5 10 bulk at \$4 90@ 5 00. Common to good mixed packing \$ 4 75 25 00 and those of a butchers description 5 10@5 20, pigs \$4@4 50, and butchers to choice \$5 10@5 25 and 5 30. The two closing days were days of duliness

and weakness, offerings were small and of a poor quality the proportion of really decent being extremely light. As a result the pack-ing and butchering demand was restricted, while the shipping movement suffered from a lack of order. We quote prices a little rmer at the actual close at \$4 60@4 85 for for Yorkers, \$4 75@5 for packing, and \$5@5.25 for butchers.

SHEEP-No important changes took place

in this market. The receipts were moderate, and a fair and steady market was had for all good grades at a shade better prices. Com-mon and thin however, still continues a drug in the market, and especially are clipped sheep, which are not wanted at any price. We quote good to prime \$3 50@3 90, and possibiy \$4 00, might be obtained for something extra. Common to fair \$2 00@3 00, and medi-um \$3 25@3 50.

Horses and Mules.

The horse market was quiet the past week mules scarce and slow. Medium and thin

ì	animais dun and neglected at very low prices
ĺ	HORSES.
The state of the s	Heavy draught, extra. \$150@200 Heavy draught, good. 125@140 Streeters, extra 125@140 Streeters, good. 115@125 Southern horses, extra 125@150 Southern horses, good 90@110 Saddle horses, extra 150@200

Streeters, good	
Southern horses, good	90@
Saddle horses, extra	150@
Saddle horses, good	
Plugs	35%
MULES.	
1314 hands, 4 to 8 years old	65@
14 hands, 4 to 8 years old	90@
	Southern Forses, extra. Southern horses, good. Saddle horses, extra. Saddle horses, good. Plugs. MULES. 13¼ hands, 4 to 8 years old.

nal. HAZEL NUTS—Quotable at 1@24c # b. PECANS—Quotable quiet. Western 4@5c; PECANS—Quotable quiet. Western 4@5c; Texas 51/26 1-2c. CHES TNUTS—Quotable at \$3 per bu. PEANUTS—Cheice Tennessee at 4@5c; do

lers.
MALAGA GRAPES—Selling at \$9 \(\psi \) 35 \(\beta \) bbl.
BANANAS—Choice on orders \(\frac{9}{2} \) 50@3 50 \(\psi \) COCGANUTS—Quetable at \$35-240 \$1,000. CRANBERRIES—Selling in a small w CRANBERRIES—Selling in a small way from store: Bell and Burgle at \$13,50cH 4 why. DILED GREEN PEAS—Quiet: \$125 for new a a jobbing way from stores; inferior less, SORGHUM—Fair at 24@25c; choice bright 7@25c.

27@28c.
GRAPES—In good supply, fair demand, and steady and unchanged. Concord 4@6c and Catawba 7@73c \(\psi \) PEACHES—Only an occasional small lot of Southern, which, as a rule, are common and sell low, is all that is doing in peaches now. Online 19 quotable at 5@75c \(\psi \). Du box.
QUINCES—Few on market. Selling at \$2 25
Thisse, WIDE of Catalog at \$2 25 2 50 \(\psi \) bbl.

CALIFORNIA FRUIT—Pears \$4 and quinces
75@3 \(\psi \) 40 b box; plums \$2 25 \(\psi \) 20 b box;

apes—Tokay \$5 and Muskat \$4 50 \(\psi \) 40 b

are. ORANGES—Jamaica \$8@8 50, and Louisiana \$6@6 50 \(\psi \) bbl.

ONIONS—Higher; receipts larger and selling readily. Prime at \$1 10 \(\psi \) bbl and 40@45c \(\psi \) bbl, n sks. Sales: In sks-520 and 56 sks at 40c, 87.6, 112 and 25 at 45c; 51 bbls at \$1 05 \(\psi \) bbl, (000 bbls in lots at \$1 10, \(\psi \) bbl, at 11 25.

1000 bbls in lots at \$1 10, 103 (large bbls) at \$1 25.

WOOL—Choice Missouri and Illinols unwashed in fair request: Texas, Kansas and all poor theeces dull and weak. Tub—choice \$2828\cdots \cdot \text{c} \text{ fair 275}, 100 23\cdot 25\cdot \cdot \text{ Inwashed-medium at 20020\cdot \cdot \cdot \text{ fair do 18\cdot 19\cdot \cdot \c

British Grain Trade.

SEEDS. Prices of Prepared Seeds supplied by Chas. E. Prunty, 7 South Main Street. St. Louis, Oct. 13. 1884.

Net cash prices. Cash with	order	
RED WHEATS.		I
Bearded and velvet chaff	\$ 1 00	H
AMBER WHEATS.		
Fultz and German	1 00	
WHITE WHEATS.		
Tappahannock and Diehl	1 00	
Rye	65	
Barley	75	
Red Clover	5 25	
Alfalfa	8 50	
Timothy	1 38	
Orchard Grass	1 40	L
Red Top	50	١.
Blue Grass	1 00	1

Sundries.

Out of the 30,000,000 comprising the popula

been announced to meet in St. Louis, Mo., November 17th.

Insurance.—Insurance is a good thing whether applied to life or property. No less a blessing is anything that insures good health. Kidney Wort does this. It is natures great remedy. It is a mild but efficient cathartic, and acting at the same time on the Liver, Kidneys and Bowels, it relieves all these organs and enables them to perform their duties perfectly. It has wonderful ower. See advt.

In Paris there are 4500 compositors and 300 licensed printers. There are also 500 master lithographers, employing 5000 work people—men, women, and children.

across.

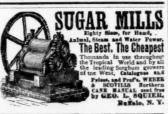
The spleen is a glandular organ exceedingly vascular, and situated near the great pouch of the stomach. Its veins form a part of the portal system, and convey the blood which has passed through it to the liver, where it mixes again in the general circula-

ered \$3000 damages in a breach of promise suit "for expenses incurred in preparing the wedding and for great mental anguish competition with any other make in the world.

Jewell Ctty, Kan., has a son who has been obliged to use crutches for the last fifteen years in consequence of his limb being paralyzed. His father has recently placed him under treatment at Drs. Dickerson & Stark's of 120 acres, all in first class blue grass and tim-Surgical Institute at Kansas City. Surgical Institute at Kansas City.

A Delaware horse-thief's sentence lately, was to pay the cost of prosecution, \$120 restitution money, \$200 fine, stand one hour in the pillory, receive twenty lashes, and then be confined for 18 months.

It is said that the people of this countr consume patent medicines to the amount of \$200,000,000 every year. That is four dollars to every man, woman, and child in the land.



6000 cheap homes in Audrain, Boon, Calrods, schools and churches. No debts; low taxes. J. P. Clark & Son, Mexico, Mo.

"NEAR THE NOSE."

s in Chicago doctor me for over two years.

lly I tried GLEN'S SULPHUR SOAP, and
kee took the blackee all users. I have at all times
every body of its marrellous cure to me.
Yours sincerely, FRANK G. WELLS,
Room II. 40 Dearborn St., Chicago, III.

GLENN'S SULPHUR SOAP will eliminate poi-onous Skin Diseases when other means have fulled

THIMBLE SKEIN WAGONS. 35; inch Skell. 47 00

The above prices include double bed, the bottom doubled over the bolsters and ironed on the top of both beds; double trees, single-trees, neck-voke, stay-chains and Lock Chain, when ordered without brake.

These wagons are furnished with either WIDF OR NARROW TRACK, Round or Square Front Hounds and "Riug" or "Slip" Coupling at the same price.

e same price.

Brake, spring seat, feed trough, bows staples are Extra, and will be furnished Patent Brake, on bed Brake on hind gear....

THICG STATES.

43-On the above guaranty, less than one CENT per wagon has been claimed on 1200 sent on orders. In ordering, be sure and state whether WIDE OR NARROW TRACK is wanted

Remit by Draft, Post-Office Order, Register-d Letter or Kypress prepaid, or Orders on St. Louis Business Houses payable attight. Illustrated Price List of Spring Wagons and Buggles at Reduced Prices furnished upon

Rates of Freight Given to any Point. A. J. CHILD. Purchasing and Commission Agent,

209 Market Street, St. Louis, Mo Words of Warning and Comfort.

ou are suffering from poor health or guishing on a bed of sickness, take cheer rou are simply ailing, or if you feel weak and dispirited, without clearly know-ing why, Hop Bitters will sureity cure you. If you are a minister, and have overtaxed yourself with your pastoral duties, or a mother, worn out with care and work, or a man of business or labor, weakened by the strain of your everyday duties, or a man of letters toiling over your midnight work, Hop Bitters will most surely strengthen your from over-eating or drinking, any indiscretion or dissipation, or are young and growing too fast, as is often the case.

"Or if you are in the workshop, on the 'farm, at the desk, anywhere, and feel 'that your system needs cleansing, ton-ling, or stimulating, without intoxicating, in and impure, pulse 'feeble, nerves unsteady, faculties 'waning, Hop Bitters is what you need to 'give you new life, health, and vigor."

Out of the 30,000,000 comprising the popularition of Japan, there are but 10,000 who are paupers.

A National Convention of cattle men has moment, and turn for a—cure to Hop Bitters

If you are sick with that terrible sickness Nervousness, you will find a "Balm i Gilead" in Hop Bitters.

—If you are a frequenter, or a resident of

—a miasmatic district, barricade your

—system against the scourge of all

—countries Malaria, Epidemic, Billious

—and Intermittent Fevers by the use

—of Hop Bitters. If you have rough plinply, or sailow skin, bad breath, Hop Bitters will give you fair skin rich blood, the sweetest breath and health. 5500 will be paid for a case they will not cure or help.

A Lady's Wish. master lithographers, employing 5000 work people—men, women, and children.

An immense bluff, half a mile in length, near Benton, Montana, recently fell into the Missouri River, filling that stream half way across.



ered \$3000 damages in a breach of promise suit "for expenses incurred in preparing the wedding and for great mental angulsh suffered"

A man without hands was arrested in New York the other day on the charge of stealing a watch, which, according to a witness, he extracted from the victim's vest pocket with his teeth.

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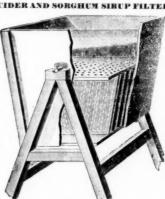
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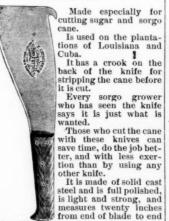
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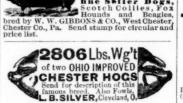


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